vol.	pages	plates	date
1	[i]-xii, [1]-68	*1-44* engr. t.p.	Aug 1795 p. xii: 14 Mar 1795
2	[i]-xvi, [1]-72	*45-92*	Jun 1797 p. vi: 14 Dec 1796
3	[i]-xiv, [1]-80	*93-138*	Aug 1799 p. iv: 8 Feb 1799
4	[i*], [i]-clxxx, [i], [1]-80, [38, ind.], [1, corr.]	*139-182*	Dec 1820

The above analysis is based on a copy with hand coloured plates in the Stevenson library. Copies vary in binding. Other *copies*: B, BR, NY. – Data based on documentation BH.
Vol. 1, engraved t.p., as above
Vol. 2, printed t.p. "... mit 48 ..."
Vol. 3, printed t.p. "... mit 46 ..."
Vol. 4, has three t.p.'s:
a: *printed*. "Jacob ... Willdenow. IV Theil, Anhänge und Nachträge. Mit 44 illuminierten Kupfern. Fortgesetzt und mit einer Einleitung und einer erklärenden Übersicht sämmtlicher Tafeln versehen von Dr. Ch. G. Nees von Esenbeck und Dr. Th. Fr. Ludw. Nees von Esenbeck. Berlin Bey G. Reimer 1820."
b: *printed*, new t.p. for entire work, issued 1820, bound in various places: "Beschreibung der um Halifax wachsende Pilze, enthaltend 241 Pilzarten in 900 Figuren auf 182 Kupfertafeln, alle von dem Verfasser ... gegründet von James Bolton ... Aus dem Englischen mit Anmerkungen von Carl Ludwig Willdenow. Fortgesetzt ... von ... Esenbeck. Berlin ... 1820."
c: *engraved*, "Historia fungorum circa Halifax sponte nascentium tomi iv, A. Agaricus ... L. Mucor."
Ref.: BM 1: 192; LS 3294; NI 196; PR 962.
Barnhart, NAF 9(6): 430. 1916.

birth/death dates — Proposed form of citation

Bolus, Harry (1834-1911), British born South African banker and botanist. (*H. Bolus*).

HERBARIUM and TYPES: BOL. Other coll. e.g. BUL, GRA, NH, NU, PRE, SAM, STE and outside S. Africa. Exsiccatae: *Herbarium austro-africanum*, with Mac Owan, q v.
Ref.: IH 2: 84.—Reference in Index Herbariorum, a standard source
Tölken, Index herb. austro-afr. 58. 1971.

References in standard works

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 394; Barnhart 1: 214; BB p. 37; BL 1: 28, 54; BM 1: 192-193, 6: 106; Bossert p. 44; CSP 9: 288, 12: 174, 13: 665; Kew 1: 291.

Journal articles or books about author and his works

Pearson, S. Afr. J. Science 8: 59-79. 1911 (portr., bibl., itineraries)
Anon., Bull. misc. Inf. Kew 1911: 275-277, 319-322.
Pearson, Rep. S. Afr. Ass. Adv. Sci. 8: 59-79. 1912 (bibl., portr.)
Stapf, Proc. Linn. Soc. London 1911/12: 42-44.
Harloth, Fl. S. Afr. 1: x. 1913 (portr.)
Verduyn de Boer, Botanists at the Cape. 1929 (portr.)
Nelmes and Cuthbertson, Bot. Mag. Dedic. 1827-1927: 270-272. 1932 (portr.)
White, Stapeliae 1: 105. 1937.
Hutchinson, A botanist in Southern Africa 645. 1946.
Lütjeharms, The life and work of Harry Bolus, Cape Town. 1965 (mimeogr.)
Tyrrell-Glynn and Levyns, Flora africana 7-8. 1968.
Jessop, S. Afr. biogr. woordenb. 1: 92-95. 1968.

generic names based on surname 'Bolus'

EPONYMY: *Bolusafra* O. Kuntze (1891); *Bolusanthus* Harms (1906); *Bolusia* Bentham (1873); *Bolusiella* Schlechter (1918); *Neobolusia* Schlechter (1895).
Note: *Bolusanthemum* Schwantes (1928) is dedicated to his daughter-in-law Harriet Margaret Louisa Bolus née Kensit (q.v.)

Book number — Short-title

625. *Icones orchidearum austro-africanarum extra-tropicarum*; or, figures with descriptions, of

extra-tropical South African Orchids. London (William Wesley) 1893-1913, 3 vols. Oct. (*Icon. orchid. austro-afric.*) → Abbreviation of short-title for use in taxonomic publications

→ pagination of parts and their dates of publication

vol.	part	*plates*	dates	pages
1	1	*1-50*	15 Aug 1893	[i]-vi, [1, note], l.p., [2 p. ind.]
	2	*51-100*	20 Aug 1896	[i-iii], l.p., [3 p. ind.], app. [2]p., preface and t.p. to vol. 1 [viii]p.
2	1	*1-100*	Apr-Jun 1911	[i-vi], l.p. [3 p. ind.]; page iv: Apr 1911, Nat. Nov. Nov 1911, BR inscr. 15 Jun 1911.
3	1	*1-100*	1913	[i-v], l.p.; page v: 12 Feb 1913, Nat. Nov. Dec 1913.

→ Special notes about this book

Libraries where copies seen by authors

The plates are accompanied by one or two pages letterpress. *Copies*: BR, HH. – 36 plates of vol. 3 were first published by H. Bolus in his "Orchids of the Cape Peninsula," Trans. South Afr. Philosoph. Soc. 5(1): 75-200. 1888. The 300 (partly) coloured plates are by H. Bolus and F. Bolus. F. Bolus edited the third volume; preface by H. M. L. Bolus. – Portrait as frontispiece to vol. 2.

Ref.: BM 1: 193, 6: 106; Kew 1: 291; NI 197. → References concerning this book

Tyrrell-Glynn and Levyns, Flora africana 7. 1968.

birth/death dates

Bolus, Harriet Margaret Louisa (née **Kensit**) (1877-1970), South African botanist, daughter-in-law of Harry Bolus. (*L. Bolus*). → Proposed citation form as author

HERBARIUM and TYPES: BOL, other material BM, GRA, NBG, PRE, SAM.

Ref.: IH 2: 82. → References to collections

Tölken, Index herb. austro-afr. 1971.

→ References in standard biographical and bibliographical works

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 214; BL 1: 28, 54; BM 6: 106; Bossert p. 44; Kew 1: 291; Langman p. 391.

Articles in books, journals etc.

Anon., Flowering plants South Africa 23. 1943 (portr.)

Herre, Kakteen und andere Sukkulenten 12(1): 1-3. 1961 (portr.)

E.G.H.O., Forum botanicum 8: 68-69. 1970 (Died at Cape Town on 5 Apr 1970. Harry Bolus was her uncle and father-in-law).

Levyns and Jessop, J. S. Afr. Bot. 36(4): 319-330. 1970 (bibl.)

Herre, Kakt. Sukk. 21: 139, 170, also in The genera of the Mesembryanthemaceae 46-47. 1971 (portr.)

Glen, Aloe 13(3): 84, 87. 1975 (portr.)

→ Generic and journal names based on names of person

EPONYMY: *Bolusanthemum* Schwantes (1928). – *Note*: For other eponyms based on the name Bolus, cf. supra, sub Harry Bolus.

→ Book number

short-title

626. *Notes on Mesembryanthemum and allied genera.* Cape Town 1928-1958. Oct. (*Notes Mesembryanthemum*). → Abbreviation of short-title

Part I: 1 Jul 1928 (reprinted from articles appearing in S. A. Garden & Country Life August-December, 1927), reprint 1928 (156 pp.)

Part II:

→ Data on place of publication, dates of whole or parts, etc.

pages	dates	pages	dates	pages	dates
1-16	9 Nov 1928	147-160	22 Nov 1929	309-336	29 Jan 1932
17-32	21 Dec 1928	161-176	20 Feb 1930	337-356	24 Jun 1932
33-48	24 Jan 1929	177-192	9 Mai 1930	357-376	6 Dec 1932
49-64	12 Apr 1929	193-208	15 Aug 1930	377-396	19 Mai 1933
65-80	3 Mai 1929	209-224	12 Nov 1930	397-416	16 Oct 1933
81-94	6 Jun 1929	225-244	12 Feb 1931	417-436	26 Jan 1934
95-110	4 Jul 1929	245-268	1 Mai 1931	437-452	23 Mai 1934
111-129	16 Aug 1929	269-292	3 Jul 1931	453-472	17 Aug 1934
131-146	4 Nov 1929	293-308	24 Sep 1931	473-508	11 Feb 1935

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Volume v: Sal-Ste

Regnum vegetabile, a series of publications for the use of plant taxonomists published under the auspices of the International Association for Plant Taxonomy, edited by Frans A. Stafleu

Volume 112

Frans A. Stafleu and Richard S. Cowan

Taxonomic literature

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Saldanha da Gama, José de (1839-1905), Brazilian botanist; Dr. Sci. Rio de Janeiro 1860; at the Rio de Janeiro "Central School", later called "Polytechnic School" from 1861 as teacher ("repetitor"), professor of botany and director successively; sometime consul general for Brazil in Belgium; Brazilian representative at the World Exhibits of 1867, 1873 and 1876; collected in Rio de Janeiro province 1866-1884. (*Saldanha*).

HERBARIUM and TYPES: R. – The small collection which was at B is no longer extant; some material from Brazil, 1883 sent to Cogniaux, is at BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 202 (b. 7 Aug 1839, d. 8 Jan 1905); BM 4: 1791; Bossert p. 346; CSP 5: 377, 8: 817, 11: 263, 18: 412; Herder p. 386; IH 2: (files); Jackson p. 49, 373; Kew 4: 573; Morren ed. 2, p. 34, ed. 10, p. 139; PR 100, 7997-7999; Rehder 1: 72, 343, 5: 754-755; Tucker 1: 620; Urban-Berl. p. 390; Zander ed. 10, p. 710, ed. 11, p. 811.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 211: 690-691. 1964; Cat. gén. livr. Bibl. natl. 161: 499-500. 1941.
Sabin, J., Dict. books America 7: 146. 1875, 18: 332-333. 1889, 32: 432. 1931-1932.
Saldanha da Gama, J. de, Énumération des travaux jusqu'à l'année 1867. Paris 1868. 8 p. (bibl., *copy*: G).
Urban, I., Fl. bras. 1(1): 99. 1906 (biogr. sketch, itin.).
Verdoorn, F., ed., Chron. bot. 5: 303. 1939.

EPONYMY: *Saldanhaea* Bureau (1868). *Note*: *Saldanha* Vellozo (1825) was named for Martin Lopez Lobo Saldanha, Brazilian politician.

10.105. *Configuração e descripção de todas os orgãos fundamentaes das principaes madeiras* de cerne e brancas da provincia do Rio de Janeiro e suas applicaçoes na engenharia, industria, medicina e artes com uma tabella de pesos specificos ... primero volume. Rio de Janeiro (Typographia-economica-de J.J. Fontes ...) 1865. Oct. (*Config. descr. orgãos fund.*).
Publ.: 1865 (t.p. 1864; colo.: 13 Mai 1865; cover 1865), p. [1]-155, [156], 2 charts, [1, colo.]. *Copies*: B, G, HH, MO. – Continued as "*Configuração e estudo botanico* ..." 2 and 3, Rio de Janeiro 1872, see below.
Plates: s.d., cover, portr., *11 pl.* (uncol.) [cover mentions *12 pl.*]. *Copy*: HH. – *Desenhos dos vegetaes* que acham-se descriptos no 1; volume da obra Configuraçao ... 1; Caderno ... Rio de Janeiro (Typographia do Imperial Instituto artistico, ...).
Ref.: Anon., Bull. Soc. bot. France 14 (bibl.): 76-77. Mai 1867 (rd. séance 26 Apr 1867).

10.106. *Classement botanique des plantes alimentaires* du Brésil ... Paris (Imprimerie de E. Martinet ...) 1867. Qu. (*Class. bot. pl. alim.*).
Publ.: 1867 (Soc. bot. France rd 29 Nov 1867), p. [1]-20. *Copies*: G, USDA.

10.107. *Travaux* au sujet des *produits du Brésil* qui sont à l'exposition universelle de Paris en 1867 ... Paris (Imprimerie de E. Briere, ...) 1867. Oct. (*Trav. prod. Brésil*).
Publ.: 1867 (Soc. bot. France rd 29 Nov 1867), p. [1]-29. *Copy*: G.
Ref.: Anon., Bull. Soc. bot. France 14 (bibl.): 225-226. 1868.

10.108. *Quelques mots sur les bois du Brésil* qui doivent figurer à l'Exposition universelle de 1867 ... Paris (Imprimerie de E. Martinet...) 1867. Oct.
Publ.: 1867 (read 8 Mar 1867; Bull. Soc. géol. France 15 Jun 1868), p. [1]-12. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 14: 79-88. (C.R. 1). 1867. – See also Francisco Freire Allemão a Cysneiro [1797-1874], Alves Serrão, Ladislau Netto & J. de Saldanha da Gama, *Breve noticia sobre a colleçao das madeiras do Brasil* ... Rio de Janeiro (Typographia nacional) 1867, p. [1]-32. *Copy*: HH.

10.109. *Synonymia de diversos vegetaes do Brasil* feita segundo os dados colhidos no imperio, e na exposição universal de Paris, em 1867 ... Rio de Janeiro (Typographia universal de Laemmert ...) 1868. Qu. (*Synon. veg. Brasil*).
Publ.: 1868 (p. [iii]: 12 Oct 1868; BSbF Jul-Sep 1869), p. [i]-vii, 9-36. *Copies*: G, HH, MO, NY, USDA.

10.110. *Cartas sobre botanica* ... Rio de Janeiro (Typographia do Imperial Instituto artistico ...) 1870. (*Cart. bot.*).
Publ.: 1870, cover, p. [1]-43. *Copies*: Ewan, HH.

10.111. *Configuração e estudo botanico* dos vegetaes seculares da provincia do Rio de Janeiro e de outros pontos do Brasil ... Rio de Janeiro (Typographia universal de Laemmert ...) 1872. Oct. (*Config. est. bot.*).
[*1*]: see above, 1867, *Config. descr. orgãos fund.*
2: 1872 (p. [v]: 24 Dec 1871), p. [i-v], [1]-65. *Copies*: HH, MO, U.
3: 1872 (p. [iii]: 7 Mai 1872), p. [i, iii], [1]-138, *pl. 1-20* [1, err.]. *Copies*: G, HH.

10.112. *Notice sur quelques végétaux séculaires du Brésil* ... Paris (G. Masson, éditeur ...) 1874. Oct.
Publ.: 1874, p. [1]-13. *Copy*: G. – Reprinted and to be cited from Ann. Sci. nat. Bot. ser. 5. 19: 210-218. 1874.

10.113. *Catalogue of the products of the Brazilian forests.* At the International Exhibition in Philadelphia, ... New York ("O Novo Mundo" Printing Office, ...) 1876. Oct. (*Cat. prod. Braz. for.*).
Publ.: 1876 (p. 12: 15 Mai 1876; KNAW rd Mar 1877), p. [1]-12. *Copies*: E, USDA.

10.114. *Bouquet de Mélastomacées brésiliennes* dédiées à Sa Majesté Don Pedro II empereur du Brésil ... (extrait da Flora brasiliensis) Verviers (Imprimerie A. Remacle) 1887. Qu. (*Bouquet Mélast. brés.*).
Co-author: Célestin Alfred Cogniaux (1841-1916).
Publ.: Aug 1887 (t.p.), p. [i-iv], *pl. 1-5* with text. *Copy*: NSW.

10.115. *La province de Paraná* dans l'empire du Brésil ... Anvers [Antwerpen] (Imprimerie Veuve de Backer, ...) 1888. Oct.
Publ.: 1888 (B copy inscribed p. 2: 7 Jan 1889), p. [1]-21. *Copy*: B. – Reprinted and to be cited from Bull. Soc. r. Géogr. Anvers 13: 12-30. 1888.

10.116. *La Serra des Orgues* dans l'empire du Brésil ... Anvers [Antwerpen] (Imprimerie veuve de Backer, ...) 1889. Oct.
Publ.: 1889, p. [1]-23. *Copy*: B. – Reprinted and to be cited from Bull. Soc. r. Géogr. Brésil 1889 (journal n.v.).

Salisbury, Edward James (1886-1978), English botanist; Dr. phil. Univ. College, London; senior lecturer at Queen Mary College, Univ. London; with Univ. College, London 1918-1943, ultimately as Quain professor of botany; director Royal Botanic Gardens Kew 1943-1956; knighted 1946. (*E. Salisb.*).

HERBARIUM and TYPES: K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 202; BFM no. 2159; BJI 2: 151; BL 2: 227, 245, 246, 256, 260, 712; BM 8: 1131; Bossert p. 346, (b. 16 Apr 1886); LS suppl. 23927; NI 3: 6; Plesch p. 395; TL-2/3006, 3218.

BIOFILE: Allen, D.E., The naturalist in Britain 241. 1976.
Anon., BSBI Abstracts 9: 6. 1979 (d.); Brit. Mus. gen. cat. print. books 211: 830-831. 1964; Country-side 23: 473. 1979 (n.v.); Daily Telegr. 14 Nov 1978; Flora males. Bull. 13: 552. 1957 (retirement); J. Kew Guild 9: 714-716. 1978 (1979) (obit., from The Times, 14 Nov 1978); Modern men science 412-413. 1966; Nature 178: 454-455. 1956 (retirement); New Scientist 5(134): 1294-1295. 1959 (biogr. sketch, portr.); Quart. Bull. Alp. Gard. Soc. 47(1): 86. 1979 (d.); The Times 14 Nov 1978; Who's who (London) 1929-1970; World Biogr. L-Z: 4167. 1948.
Brenan, J.P.M., Watsonia 13(1): 68-70. 1980 (obit., b. 16 Apr 1886, d. 10 Nov 1978).
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Dick, W.E., Discovery 4: 330-331. 1943.

Dony, J.G., Trans. Herts. Nat. Hist. Soc. 28: 2. 1980.
Hawksworth, D.L. & M.R.D. Seaward, Lichenol. Brit. Isl. 145. 1977.
Kent, D.H., Brit. herb. 76. 1957.
Verdoorn, F., ed., Chron. bot. 2: 43, 187, 197. 1936, 3: 32, 33. 1934, 4: 90. 1938, 5: 352. 1939, 6: 304. 1941.
Watling, R., B.S.E. News 27: 5. 1979 (d.).
Wiggins, E.D., BSBI News 20: 27. 1978 (d.).

COMPOSITE WORKS: (1) Editor (as director of Kew) W.J. Hooker, *Icones plantarum* pl. *3401-3500*.
(2) With A.W. Hill, editor (id.), *Index kewensis* suppl. 10, 1947; [alone] suppl. 11, 1953.

10.117. *The East Anglian flora* ... 1932. Oct.
Publ.: 1932 (copy E rd. 10 Jan 1933), cover-t.p., p. 191-263, *8 pl.*, 106 maps. *Copies*: E, H. – Reprinted and to be cited from Trans. Norfolk Norwich Natural. Soc. 13(3): 191-263. 1932.
Ref.: Rendle, A.B., J. Bot. 71: 140-141. Mai 1933 (rev.).

Salisbury, Richard Anthony (né Markham) (1761-1829), British botanist, gardener and botanical artist; educated at Edinburgh Univ.; had a garden at Chapel Allerton, Yorkshire; later owner of P. Collinson's garden at Mill Hill, London; secretary Hort. Soc. London 1805-1816. (*Salisb.*).

HERBARIUM and TYPES: Some material (from the garden at Chapel Allerton) at BM (through J. Banks); no material at K (see D. Meikle in *Note* 2, below). Several manuscripts and drawings (9 vols.) at BM (for letters to J. Banks see Dawson p. 729-730); some of Salisbury's notes and drawings of ericaceous plants may be at K (Woodward 1904; R.D. Meikle in lit.).

NOTE: (1) Son of Richard Markham; assumed the name Salisbury as a condition of a legacy (see e.g. Dawson p. 729-730).
(2) "It is true that the Burchell herbarium is incorporated in the general collections at Kew, but there is no evidence that it includes, or ever included, any Salisbury specimens, nor has anyone here ever seen a Salisbury specimen in our collections. Thanks to the kindness of H.M. Burdet (Conserv. et Jard. Bot., Genève), I have been able to trace the source of A.DC.'s statement. In 1877 De Candolle sent Sir W.J. Hooker a manuscript list of British authors, asking if he could say where their herbaria were located. Bentham returned the list in June 1878, and against Salisbury's name noted "la plupart (ou la totalité?) dans l'herbier de Burchell à Kew". The grounds for Bentham's annotation are obscure, perhaps he was misled by J.E. Gray's comment (in the preface to R.A. Salisbury, Genera of Plants, v; 1866) "... on the death of Mr. Salisbury, in 1829, the son (Dr. W.J. Burchell) inherited part of his property, and with some (I doubt if all) of his Mss. ... Dr. Burchell died in 1864 ... The botanical collections were then given by his surviving sister to Sir William Hooker for the Kew Herbarium". Had Bentham read further, however, he would have seen that Burchell's sister deliberately excluded the Salisbury collections from the gift to Kew; moreover from what J.E. Gray says it is clear that the Salisbury *reliquiae* consisted only of manuscripts, letters, published papers and "a cabinet of seeds and fragments of plants". Part of this collection, including the specimens, was given by Gray to the British Museum, where it still remains. There is no evidence that Salisbury left a herbarium to Burchell, nor indeed is there any evidence that Salisbury ever possessed one. According to J.E. Gray (letter to A. De Candolle, dating 21st April, 1873, comm. Burdet) "R.A. Salisbury ... cultivated and studied living plants. He had upwards of 2000 species in pots, in his little yard in Edgware Road after he had left his large garden at Mill Hill near London". If Salisbury had a herbarium, Gray makes no mention of it, though he was evidently very interested in Salisbury and his collections. It is safe to say that there are no Salisbury specimens at Kew, and if only to save others from fruitless enquiry, I think A. DC.'s statement should be corrected." [D. Meikle, in lit. 30 Jun 1977].
(3) For generic names published by Salisbury in his reviews of Robert Brown's work see Mabberley (1980).

(4) For Salisbury's part in J. Knight, *Cult. Prot.* 1809, see TL-2/3759.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 180, 3: 516; Barnhart 3: 203; BB p. 266; Blunt p. 194, 202; BM 4: 1791; Bret. p. 209, 250; CSP 5: 378-379; Dawson p. p. 729-730; Desmond p. 537 (b. 2 Mai 1761, d. 23 Mar 1829); DNB 50: 192 (17: 681-683); Dryander 3: 88, 231, 259, 316, 647; Frank 3 (Anh.): 88; GF p. 75; Henrey 2: 739 [index], 3: nos. 1297-1299; Herder p. 151, 294, 308, 313, 324, 345; Hortus 3: 1203; IF p. 728; Jackson p. 112, 135, 233, 410, 413; Kew 4: 577; Langman p. 667; Moebius p. 128, 141; MW p. 424; NAF ser. 2. 2: 170; NI 912, 1719; Plesch p. 395; PR 8000-8004, 9272, ed. 1: 8959-8962, 10245; Rehder 5: 755; SO 786; Sotheby 670; TL-1/601, 1143-1144, see E. Rudge; TL-2/3759, 8404, 10.067, see W. Hooker; Tucker 1: 620; Zander ed. 10, p. 710, ed. 11, p. 810.

BIOFILE: Allibone, S.A., Crit. dict. Engl. litt. 2: 1916. 1878.
Anon., Brit. Mus. gen. cat. print. books 211: 834. 1964; North Gard. 36(1): 17-19. 1982.
Arditti, J., ed., et al., Orchid biol. 1: 159-174. 1977.
Baker, J.G., Bot. Trans. Yorksh. Natural. Union: 1-197, 199-200. 1891.
Bentham, G., Fl. Austral. 6: 350, 352. 1873.
Boulger, G.A., Gard. Chron. 1904(1): 148 (biogr. sketch, note on Knight's *Cult. Prot.*).
Bridson, G.D.R. et al., Nat. hist. mss. Brit. Isles 434 [index]. 1980.
Britten, J., J. Bot. 24: 51-53. 296-300. 1886, 54: 57-65. 1916, 55: 345. 1917.
Candolle, A.P. de, Mém. Souvenirs 268, 275. 1862.
Candolle, Alph. de, Phytographie 446. 1880 (states, erroneously, that the entire herbarium or the major part of it is at K. See note 2, above, by R.D. Meikle).
Darlington, W., Memorials 474. 1849 (letter to W. Bartram).
Fletcher, H.R., Story R. Hort. Soc. 556 [index]. 1969.
Freeman, R.B., Brit. nat. hist. books 304. 1980.
Gillow, Joseph, Dict. Engl. catholics 4: 468-470. 1887 (bibl.).
Gray, J.E., *in* R.A. Salisbury, Gen pl. 1866, p. [iii]-vi, (introduction to posthumous publ.; lists documents and manuscripts).
Hadfield, M., Pioneers in gardening 104-108. 1951.
Hall, N., Botanists of the Eucalypts 112-113. 1978.
Herbert, W., Amaryllidaceae 295-296. 1837.
Lemmon, K., Northern Gard. 35: 126-128. 1981.
Mabberley, D.J., Taxon 29: 597-606. 1980 (generic names published in S's reviews of Robert Brown's works).
M.H., *in* J.C. Loudon, Gardener's Magazine 1835: 380 (tombstone; regrets lack of information on Salisbury).
Milner, J.D., Cat. portr. Kew 95. 1906.
Murray, G., *in* Hist. coll. BM(NH) 1: 179. 1904 (pl. Chapel Allerton in herb. Banks).
Salisbury, R.A., A letter to the editor of the Monthly Magazine, 5 p., London Apr 1808 (diatribe against J.E. Smith).
Simmonds, A., J.R. Hort. Soc. 69: 58-65, 95-100. 1944 (on S. as one of the founders of the RHS).
Smith, E., Life Joseph Banks 261. 1911.
Smith, P., Mem. corr. J.E. Smith 2: 329-330. 1832.
Stearn, W.T., Nat. Hist. Mus. S. Kensington 164. 1981.
Woodward, B.B., *in* Hist. coll. BM(NH) 1: 47. 1904 (mss. & drawings at BM and K).

COMPOSITE WORKS: C.P. Thunberg, Dissertatio botanica de *Erica*, ... editio altera curante Ricardo Antonio Salisbury, ... Featherstone 1800, see under Thunberg (1785).

HANDWRITING: See D.J. McGillivray, Contr. N.S.W. Natl. Herb. 4(6): 369-372. 1973; H.J. Burdet, Candollea 33: 161-162. 1978 (Mc Gillivray compares the handwriting with that of J. Dryander (the two are very similar) and discusses Salisbury's manuscripts at BM).

EPONYMY: *Salisburia* J.E. Smith (1797); *Salisburiana* A. Wood (1861, *orth. var.*); *Salisburya* Link (1822, *orth. var.*).

10.118. *Icones stirpium rariorum* descriptionibus illustratae, auctore Ricardo Antonio Salisbury, ... Londini [London] (typis Gul. Bulmer) 1791. Fol. (*Icon. stirp. rar.*).
Publ.: 1791 (p. [v]: Jan 1791), p. [i-v], 1-20, *pl. 1-10* (col. copp.). *Copies*: BM (incompl.), HH, NY (incompl.), Teyler.
Ref.: Usteri, P., Neue Ann. Bot. 11: 150-158. 1796.

10.119. *Prodromus stirpium in horto ad Chapel Allerton vigentium* ... Londini 1796. Oct. (*Prodr. stirp. Chap. Allerton*).
Publ.: Nov-Dec 1796 (p. viii: Nov 1796), p. [i]-viii, [1]-422. *Copies*: BM, E (inf. J. Edmondson), G, HH, K, MO, NY; IDC 2322. – See Britten (1926) for taxa and collectors.
Ref.: Britten, J., J. Bot. 54: 57-65. 1926 ("the plants of Salisbury's "Prodromus" (1796)).

10.120. *The paradisus londinensis*: or coloured figures of plants cultivated in the vicinity of the metropolis. By William Hooker, pupil of Francis Bauer, Esq. ... vol. i ... London (printed by D.N. Shury, ... and published by William Hooker, ...) 1805 [-1808]. 2 vols. Qu. (*Parad. lond.*).
1(1): 1 Jun 1805-1 Mai 1806 (dates on plates), p. [i, t.p. as above, dated 1805], [iii, t.p. 1(1), dated 1806, mentioning Salisbury], [v, preface], *pl. 1-35* with text, [1, index sex.; 2, err.]. – Second t.p.: *The paradisus londinensis*: containing plants cultivated in the vicinity of the metropolis. The descriptions by Richard Anthony Salisbury, ... the figures by William Hooker, pupil of Francis Bauer esq. ... vol. i, part i. London (printed by D.N. Shury, ... and published by William Hooker, ...) 1806. – Plates col. copper engr. by W. Hooker, with possibly, assistance by R.A. Salisbury for nos. 1-70. *Plate 14* large size (three times as large as the others) or cut in two as 14 and [14bis]. All plates with accompanying, unpaginated text (1-2 p.; *pl. 14*: 3 p.).
1(2): 1 Jun 1806-1 Mai 1807 (dates on plates), p. [i, t.p. 1(2)], *pl. 36-56, 57* ("*67*"), *58-60, 61* ("*62*"), *62* ("*61*"), *63-70*, [1, index sex. ii, index nom.]. – *Pl. 67* large size (as *14*) or cut in two as 67 and [67bis].
2(1): 1 Jun 1807-1 Mai 1808 (dates on plates), p. [i, t.p. 2(1)], *pl. 71-86, 87* ("*88*"), *88* ("*87*"), *89-106* [1, index sex.; 2, ind. nom., err.].
2(2): 1 Jun 1808-1 Sep 1808 (dates on plates), p. [i, t.p., 2(2)], *pl. 107-109, 110* ("*112*"), *111-117*, four lvs text for *71, 72, 73, 74* (cancellantia; main change: *Bartonia* changed to *Hibbertia* on *73*), *pl. 84, 93* and *111* double (analysis based on *copy* Teyler); other copies have also text for *pl. 118-122* (plates themselves never issued).
Copies: E, FI (incompl.), G, H-UB (incompl.), HH, NY, PH (incompl.), Teyler, USDA (*pl. 115-117* missing); IDC 629. – Part 1 of vol. 1 was apparently first issued with the above cited 1805 t.p. (copies: E, Teyler, USDA). In 1806 this part was reissued with a title-page stating that the descriptions were by R.A. Salisbury. On the 1805 title-page William Hooker's name is mentioned as "by William Hooker" which is the reason that he is often cited as the author. It is clear, however, that Hooker made the drawings and that Salisbury was reponsible for the descriptions and names. The plates are all dated; in general such dates were intended as dates of publication. These dates must be regarded as correct until there is evidence that actual publication took place at a later date. The book seems to have been issued in 40 parts from 1805 to 1808 (1809 according to Pritzel, but latest date on plates is 1 Sep 1808).
The originals for the plates *1-70* (which make up vol. 1, parts 1 and 2) were perhaps the joint work of William Hooker and Salisbury; they are at BM together with the manuscripts of the descriptions. Volume 2 consists of the plates *71-117* whereas the descriptions run to *t. 122*. G.S. Bunyard states (see TL-2/2: 283), that some copies have two versions of the text belonging to plate *64*, one entitled *Anneslia falcifolia*, the other *Anneslia grandiflora*. John Collins (Sotheby 670) mentions also a cancelled (*Burtonia grossulariaefolia*) for a cancellans (*Hibbertia grossulariaefolia* of the text to *p. 73*. The artist William Hooker (1779-1832) was a pupil of Bauer; not to be confused with William Jackson Hooker (1785-1865).
Ref.: Britten, J., J. Bot. 24: 52, 296-300. 1886.
Junk, W., Rara 13, 116. 1900-1913.

10.121. *The generic characters in the English botany*, collated with those of Linné ... London (printed by W. Bulmer and Co. ...) 1806. Oct. (in fours). (*Gen. char. Engl. bot.*).

Publ.: 1806 (p. iv: 1 Feb 1806), p. [i]-iv, [1]-34. *Copies*: E, G.

10.122. *The genera of plants* ... a fragment containing part of Liriogamae. London (John van Voorst, ...) 1866. Oct. (*Gen. pl.*).
Editor: John Edward Gray (1800-1875).
Publ.: Apr-Mai 1866 (p. vi: 1 Mar 1866; Flora 25 Aug 1866; J. Bot. Jun 1866), p. [i]-vi, [1]-143. *Copies*: BR, E, G, HH, MO, NY, PH, U, USDA; IDC 301.
Ref.: Anon., J. Bot. 4: 179-183. Jun 1866 (rev.).
Gray, A., Amer. J. Sci. 92: 280. Sep 1866.

Salisbury, William (x-1823), British nurseryman in London; gardener to J. Symmons at Paddington 1797, also associated with William Curtis' garden at Fulham Road which he continued after the latter's death in 1799; later owner of a garden at Cadogan Place, Sloane Street; founded the London Botanic Garden, 1807. (*W. Salisb.*).

HERBARIUM and TYPES: Unknown. – We have seen no copy of the exsiccatae *Hortus siccus gramineus* (1802-1806) (see Henrey 3: 110).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 203; BB p. 267; BM 4: 1792; Bret. p. 210; Desmond p. 538; DNB 50: 201 (17: 690) (by G.S. Boulger); Henrey 2: 298, 308-309, 643, 3: 31, 110-111, 140; Jackson p. 233, 409, 415; Kew 4: 577; PR 8005-8006, ed. 1: 8963-8964; Rehder 5: 755; SO 806; TL-1/1145; Tucker 1: 620.

BIOFILE: Allen, D.E., The naturalist in Britain 106, 107. 1976.
Allibone, S.A., Crit. dict. Engl. lit. 2: 1917. 1878.
Anon., Brit. Mus. gen. cat. print. books 211: 836. 1964.
Bridson, G.D.D. et al., Nat. hist. mss. res. Brit. Isles 334-77. 1980.
Fussell, G.E., Gard. Chron. 1949(2): 172.
Harvey, J.H., Trans. London Middlesex Archeol. Soc. 24: 186. 1973 (continued Curtis's garden in Fulham Road after the latter's death in 1799; new garden in Sloane street in process of establishment by 1807).
Roberts, W., Gard. Chron., 1900(1): 65-66 (on S. and the London Botanic Garden).
Trimen, H. and W.T., Thiselton Dyer, W.T., Fl. Middlesex 395. 1869.

10.123. *Hortus paddingtonensis*: or, a catalogue of plants cultivated in the garden of J. Symmons, ... Paddington-House ... London (printed by Stephen Couchman, for Shepperson and Reynolds, ...) 1797. Oct. (in fours). (*Hort. paddingt.*).
Publ.: 1797 (p. [iv]: 25 Sep 1797), p. [i-iv], [1]-97, [99-106, index], [107, err.]. *Copy*: NY.

10.124. *The botanist's companion*, or an introduction to the knowledge of practical botany, and the uses of plants. Either growing wild in Great Britain, or cultivated for the purposes of agriculture, medicine, rural oeconomy, or the arts ... London (printed for Longman, Hurst, Rees, Orme, and Brown, ...) 1816. 2 vols. Duod. (in sixes). (*Bot. comp.*).
1: Aug 1816 (p. vii: Jul 1816; P & W), map, p. [i]-vii, [viii], [1-2, err.], [1]-67, set of tables C_5-I_6, K_1-X_4 (sign.).
2: 1816 (p. [vi]: Mai 1846; P & W), p. [i-viii], [1]-211.
Copies: HH, K, MO, NY, PH, USDA.

Sallent y Gotés, Angel (1857-1934), Catalonian philologist and botanist; collaborator of Cadeval y Diars. (*Sallent*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 203 (err. "Sallenti", d. 7 Oct 1934); BFM see 1514; BL 2: 495, 498, 712; TL-2/940.

BIOFILE: Anon., Chron. bot. 1: 251. 1935 (d.).

COMPOSITE WORKS: With Juan Cadeval y Diars, *Fl. Catalunya* vols. 1-3, 1913-1923, see TL-2/940.

10.125. *Flora del Pla del Bages* ... Barcelona (Tipografia de Augusto Ponsy Pon ...) 1904. Qu. (*Fl. Pla del Bages*).
Publ.: 1904, p. [1]-80. *Copy*: G.

Salm-Reifferscheid-Dyck, Joseph Maria Franz Anton Hubert Ignaz, Fürst und Altgraf zu (1773-1861), German (Prussian) botanist, botanical artist and horticulturist; closely associated with the French botanists and botanical artists of the Napoleonic period, subsequently building up a rich collection of succulent plants on his estate Dyck nr. Düsseldorf through his close connections with most of Europe's established botanical gardens and botanists; died at Nice. (*Salm-Dyck*).

HERBARIUM and TYPES: Unknown. – Salm-Dyck's collection of living succulent plants at Schloss Dyck (near Neuss, Düsseldorf) was unrivalled at the time. Kümmel (1981) states that the collection of living plants survived until 1914, where as herbarium specimens were discarded shortly after Salm-Dyck's death. Clokie mentions "one or two specimens" presented to Haworth at OXF. – *Letters* to M. van Marum at Teyler, F.A.W. Miquel at U, to D.F.L. von Schlechtendal at HAL, and to other botanists ca. 1810-1860 in various other European herbaria.

BIBLIOGRAPHY and BIOGRAPHY: ADB 30: 255-257 (E. Wunschmann); AG 2(2): 402; Backer p. 507; Barnhart 3: 203 (b. 4 Sep 1773, d. 21 Mar 1861); BM 4: 1792; Bossert p. 346; Clokie p. 236; CSP 6: 752; Frank 3(Anh.): 88; GF 75; Herder p. 159, 283, 286, 330; Hortus 3: 1203; Jackson p. 122, 425, 426; Kew 4: 444, 577; Langman p. 667; Maiwald p. 213, 216, 218; NI 1720; Plesch p. 396; PR 8008-8016, ed. 1: 2235, 8965-8974; Rehder 5: 755; SK 4: ccxi; Sotheby 672; TL-1/1146-1148a; Tucker 1: 620; Zander ed. 10, p. 710, ed. 11, p. 810.

BIOFILE: Anon., Bonplandia 1: 18, 21, 118. 1853, 3: 34. 1855, 4: 354. 1856, 6: 51, 219, 244. 1858, 9: 92, 331. 1861 (d.), 10: 218. 1862 (cogn. Leop. Xeuxis/Zeuxis); Bot. Zeit. 10: 923. 1852 (sketch of activities); Gartenflora 10(10): 370. 1861 (obit.); Ill. hortic. 8: 27. 1861 (obit.); Österr. bot. Z. 11: 171. 1861 (d.); Revue hortic. 1861: 224-225 (obit.).
Candolle, A.P. de, Mém. souvenirs 384, 575. 1862.
Forbes, R.J., Martinus van Marum 1: 334, 335, 412 [index]. 1969, 2: 11. 1970.
Hermes, A., Deut. Gärtn. Zeit. 4(7): 76-78. 1880 (Die Gärtenanlagen zu Dyck).
Koch, K., ed., Wochenschr. Ver. Beförd. Gartenbau. Preuss., Gärtn. Pflanzenk. 1861(19): 145-148. 9 Mai 1861 (obit.).
Kümmel, F., Kakteen Sukkulenten (Dresden) 16(2): 22-30. 1981 (general evaluation; fate collections; portr., letter to Schlechtendal of 6 Apr 1850).
Kuijlen, J. et al., Paradisus batavus 30, 36, 72. 1983.
Lefebvre, E. & J.G. de Bruyn, Martinus van Marum 6: 307-321 [letters], 434 [index]. 1976 (portr., opp. p. 85).
Leuenberger, E.L., Zandera 2(3/4): 29-40. 1983.
Lindberg, G.A., Monatschr. Kakteenk. 1(12): 153-156. 1892 (biogr., portr.).
Nelmes, E. & W. Cuthbertson, Curtis's Bot. Mag. dedic. 1827-1927, p. 66-68. 1932.
Reynolds, G.W., Aloes S. Afr. 94-95. 1950.
Schlechtendal, D.F.L. von, Bot. Zeit. 19: 62. 1861 (obit.).
Seemann, B. & W.E.G., eds., Bonplandia 9: 331-334. 1861 (obit.) (based on an account by "Funke").
Stearn, W.T., *in* H. Herre, Gen. Mesembryanth. 43-45. 1971 (biogr. sketch, portr.).
Steenis-Kruseman, M.J. van, *in* R.J. Forbes, ed., Martinus van Marum 3: 385 [index]. 1971.
White, A. & B.L. Sloane, Stapelieae ed. 2. 98, 695, 775. 1937 (portr.).
Wittrock, V.B., Acta Horti Berg. 3(2): 141. 1903.

HANDWRITING: Lefebvre, E. & J.G. de Bruyn, Martinus van Marum 6: *pl.* facing p. 309. 1976.

EPONYMY: *Dyckia* J.H. Schultes ex J.A. Schultes et J.H. Schultes (1830); *Reiffenscheidia* Steudel (1841, *orth. var.*); *Reifferscheidia* K.B. Presl (1835); *Salmea* A.P. de Candolle (1813, *nom. cons.*); *Salmeopsis* Bentham (1873); *Salmia* Cavanilles (1795, *nom. rej.*); *Salmia* Willdenow (1811); *Salmia* Post et O. Kuntze (1903, *orth. var.* of *Salmea* A.P. de Candolle).

NOTE: Salm-Dyck's second wife, Constance Marie, princesse de Salm-Dyck, née Theis, 1767-1845, was a well-known literary author and essayist who wrote e.g. the lyrical tragedy Sappho (1794). Through his marriage with her S. remained in close contact with Paris, spending the winters in his Paris home for many years.

10.126. *Verzeichniss der verschiedenen Arten und Abarten des Geschlechts Aloe*, welche von den Herren von Willdenow, Haworth, de Candolle und Freiherrn von Jacquin beschrieben worden sind, oder noch unbeschrieben in den Gärten Deutschlands, Frankreichs und der Niederlande sich befinden [Dyck nr. Düsseldorf, 1817]. Oct. (in fours). (*Verz. Art. Aloe*).
Publ.: 1817 (p. 8: 1 Mar 1817), p. [1]-73. *Copies*: HH, MO, NY, WU.
French version: 1817 (p. 7: 1 Mar 1817), p. [1]-72. *Copies*: G, HH, NY, WU. – "*Catalogue raisonné des espèces et variétés d'Aloès* décrites par Ms. Willdenow, Haworth, De Candolle et Jacquin, et de celles, non décrites, existantes dans les Jardins de l'Allemagne, de la France et du Royaume des Pays-bas". [Dyck nr. Düsseldorf, 1817]. Oct. (in fours). – Copy at G has preface signed (autograph) by Salm-Dyck as "J. Pce [Prince] de Salm Dyck").

10.127. *Observationes botanicae in Horto Dyckensi* notatae. Anno 1820. Coloniae [Köln] (typis Th.Fr. Thiriart). 1820. Oct. (in fours). (*Observ. bot. Horto Dyck*).
[*1*]: 1820, p. [1]-35.
[*2*]: 1821, [i], [37]-73.
[*3*]: 1822, p. [1]-47.
Copies: G, H, M, NY (pp. photocopy), USDA (photocopy).

10.127a. *Index plantarum succulentarum in horto dyckensi cultarum.* Anno 1829. Aquisgrani [Aachen] (tipis J.J. Beaufort) 1829. Oct. (*Index pl. succ. hort. dyck.*).
Publ. 1829, p. [1]-71. *Copy*: HH.

10.128. *Hortus dyckensis* ou catalogue des plantes cultivées dans les jardins de Dyck. Dusseldorf (Chez Arnz & Comp.) 1834. Oct. (*Hort. dyck.*).
Publ.: Nov-Dec 1834 or Jan-Feb 1835 (p. viii: 1 Nov 1834; Hinrichs rd 22-28 Mar 1835), frontisp., p. [i]-viii, [1]-376, *2 pl.* (uncol. liths.). *Copies*: B-G, BR, FI, G, MO, NY, U, US(2), USDA. – See Leuenberger (1983, p. 30-31, 35).
German version: 1834 (p. viii: 1 Nov 1834), frontisp., p. [i]-viii, [1]-376, *2 pl.* (id.). *Copy*: HH.

10.129. *Monographia generum Aloes et Mesembryanthemi* ... Bonnae [Bonn] (apud Maximilianum Cohen et filium) 1836-1863. Qu. †. (*Aloes Mesembr.*).
Publ.: 1836-1863, in 7 fascicles, containing in all *352 pl.* with text.*Copies*: G, HH, NY; IDC 5710.
1: Jan 1836 (Hinrichs 31 Jan-6 Feb 1836; Deutsche Naturf. 22 Sep 1835, sic "Probeheft?"); *Aloe pl. 1-24* with text, *Mesembryanthemum pl. 1-36* w.t. (*pl.* [*1-60*]).
2: Jun 1837 (Hinrichs 25 Jun-1 Jul 1837), *Al. pl. 1-22, Me. pl. 1-36* (id.), (*pl.* [*61-118*]).
3: Sep 1840 (Hinrichs 20-26 Sep 1840), *Al. pl. 1-21, Me. pl. 1-36* (id.), *pl.* [*119-175*]).
4: Feb 1842 (Hinrichs 23-26 Feb; Allg. Gart. Zeit. 2 Apr 1842), *Al. pl. 1-20, Me pl. 1-36* (id.), (*pl.* [*176-285*]).
5: Mai 1849 (Hinrichs 23-25 Mai 1849; Bot. Zeit. 29 Jun 1849 rev.), *Al. pl. 1-19, Me. pl. 1-35* (id.), (*pl.* [*232-285*]).
6: 1-14 Jun 1854 (Bonplandia 15 Jun 1854; ÖbZ 21 Jul 1853 ann.; Bot. Zeit. 30 Jun 1854), *Al. pl. 1-14, Me. pl. 1-36* (id.), (*pl.* [*286-335*]).
7: Aug 1863 (publisher's note Jul 1863; Flora 28 Oct 1863), *Al. pl. 1-17* (id.), (*pl.* [*336-352*]).
For indexes with additional critical notes to the 352 plates see Stearn. For a collation including a precise statement of the contents of each fascicle see Junk. The plates are

hand-coloured lithographs of drawings by the author. Fasc. 1-4 were originally issued with a Düsseldorf imprint (Arnz & Co.), fasc. 1 Bonn (M. Cohn et fil.).
Ref.: Anon., Flora 19(1), Lit.-Ber. 3: 33-40. 1836 (fasc. 1, rev.).
Henry, A., Bonplandia 9: 329. 1861 (ann. Heft 7).
Junk, W. Rara 107-109. 1913 (collation).
Schlechtendal, D.F.L. von, Bot. Zeit. 7: 470-471. 29 Jun 1849, 12: 562. 11 Aug 1854 (rev.).
Stearn, W.T., Cactus J. (Gr. Br.) 7: 34-44, 66-85. 1938 (annotated index).
Steenis-Kruseman, M.T. van, Fl. males. Bull. 15: 741. 1960.
Vriese, W.H. de, Tijdschr. nat. Gesch. 3: 25-26. 1836.
Walpers, G.W., Ann. Bot. syst. 5: 16-22. 1858 (contents parts 1-6, Mesemb.), 6: 130-133. 1861 (id. Aloës).

10.130. *Cacteae in horto dyckensi cultae.* Anno 1841. Dusseldorpii [Düsseldorf] (typis J. Wolf) 1841. Oct. (*Cact. hort. dyck.*).
1841: 1841, p. [1]-48. *Copies*: G, NY.
1844: Jan-Feb 1845 (Bot. Zeit. 11 Apr 1845; BF 22 Feb 1845; Hinrichs 7 Mar 1845; Gersdorff 16 Mai 1845), p. [i-iii], [1]-51. *Copies*: E, G, HH, NY, US, USDA. – *Cacteae in horto dyckensi cultae* anno 1844 additis tribuum generumque characteribus emendatis a Ppe Jos. de Salm-Dyck. Parisiis (e typis Crapelet ...) 1845. Oct.
1849: 1-6 Apr 1850 (p. vi: 31 Dec 1849; Letter Salm-Dyck to Schlechtendal, 6 Apr 1850 "so eben erschienen". 1850; Hinrichs 17-20 Jul 1850; Regensburg Apr 1850; Allg. Gartenzeit. 18: 247. 3 Aug 1850; Bot. Zeit. 21 Jun 1850; Flora rd. in Apr 1850, rev. 7 Sep 1850), p. [i-vi], chart, [1]-266, [1, err.]. *Copies*: BR(2), G, HH, M, MICH, MO, NY, PH, USDA. – *Cacteae in horto dyckensi cultae* anno 1849 secundum tribus et genera digestae additis adnotationibus botanicis characteribusque specierum in enumeratione diagnostica cactearum doct. Pfeifferi non descriptarum a Ppe Jos. de Salm-Dyck. Bonnae (apud Henry & Cohen ...) 1850.
Nachträge: Salm-Dyck, Bonplandia 2: 159-160. 1 Jul 1854, 199-201. 1 Sep 1854 and Allg. Gartenzeit. 22: 185-188. 17 Jun 1854.
Ref.: A.D., Allg. Gartenzeit. 18(32): 247-248. 1850.
T., Bot. Zeit. 3: 261-262. 1845, 8: 486-487. 1850.

10.131. *Index plantarum succulentarum* in horto Dyckensi cultarum. Anno 184. [sic]. Dusseldorpii [Düsseldorf] (typis J. Wolf) 1843. Oct. (*Index pl. succ.*).
Publ.: 1843, p. [i], [1]-92. *Copy*: BR. – Names only.

10.132. *Bemerkungen über die Gattungen Agave und Fourcroya* nebst Beschreibung einiger neuen Arten ... Hannover (Druck von August Grimpe) 1859. Oct.
Publ.: 15 Apr 1859 in journal), p. [1]-13. *Copy*: M. – Reprinted and to be cited from Bonplandia 7: 85-96. 15 Apr 1859.

Salmon, Charles Edgar (1872-1930), British botanist and practicing architect at Reigate (Surrey); active amateur local historian and student of the flora of Surrey, esp. *Limonium*. (*Statice*). (*Salmon*).

HERBARIUM and TYPES: BM; duplicates at B (not extant), C, CGE, CYN, DBN, E, K, L, MANCH, OXF, RTE. – Salmon's herbarium, numbering ca. 100.000 specimens, contained e.g. the herbarium of Alfred William Bennett (1833-1902).

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BIOFILE: Anon., J. Bot. 58: 183. 1920 (announcement of Fl. Surrey, publ., posthumously, in 1931; J. Bot. 68: 31. 1930 (d.).
Baker, E.G., J. Bot. 68: 50-53. 1930 (obit., bibl.); Proc. Linn. Soc. London 142: 218-221. 1931 (obit.).
Barton, W.C., Rep. Bot. Soc. Exch. Cl. Brit. Isl. 9(1): 96-98. 1930 (obit.).

Bridson, G.D.R. et al., Nat. Hist. mss. res. Brit. Isl. 84.11, 84.21. 1980.
F.O.W., South-East Natural. 1930: lxiii (obit.).
Kent, D.H., Brit. herb. 76. 1957 (coll.).
Pearsall, W.H., *in* C.E. Salmon, Fl. Surrey 55. 1931.
Riddelsdell, H.J., Fl. Gloucestershire cxlix-cl. 1948.
Stirling Taylor, G.R., J. Bot. 68: 53. 1930 (personal note; portr., facing p. 33.).
Turrill, W.B., Bull. misc. Inf. Kew 1930: 126, Nature 125: 643. 1930 (obit. not.).
Wolley-Dod, A.H., Fl. Sussex xlviii. 1937, 1970.

10.133. *Second supplement to* Watson's "Topographical botany". By A. Bennett, C.E. Salmon, and J.R. Matthews.
Co-authors: Alfred William Bennett (1833-1902), J.R. Matthews for *Topogr. bot.* (1873-1874) see Hewett Cottrell Watson (1804-1881).
Publ.: Mai 1929-Sep 1930 in supplements to Journal of botany vols. 67 and 68, 1929-1930, p. [1]-99. Consolidated *copy*: BR.

pages	dates	pages	dates
1-8	Mai 1929	49-56	Dec 1929
9-16	Jul 1929	57-64	Jun 1930
17-24	Aug 1929	65-72	Feb 1930
25-32	Sep 1929	73-80	Apr 1930
33-40	Oct 1929	81-88	Jun 1930
41-48	Nov 1929	89-99	Sep 1930

10.134. *Flora of Surrey* being a brief account of the flowering plants, ferns and characeae, with notes on the topography, climate and geology, and a history of the botanical investigation of the county ... London (G. Bell & Sons, Ltd) 1931. Oct. (*Fl. Surrey*).
Editor: William Harrison Pearsall (1860-1936), see TL-2/4: 130.
Publ.: 1931, frontisp. portr. author, p. [1]-688, 2 maps, *8 pl. Copies*: BR, G, HH, NY, USDA. – *Additions*: Britton, C.E., J. Bot. 80: 314-318, 332-337. 1932. – See also C.E. Salmon, in Victoria hist. Suffolk 1: 47-69, 84. 1911 and Britten 1912. – Note on Salmon's collections on p. 55. – *Outline history of botany in Surrey* by G.S. Boulger on p. 43-56.
Ref.: Britten, J., J. Bot. 50: 203-204. 1912.
Druce, G.C., Bol. Soc. Exch. Cl. Brit. Isl., Rep. 9: 680-694. 1932 (review with additions).
Groves, J., J. Bot. 70: 53-57. Feb 1932 (rev.).

Salmon, Ernst Stanley (1872-1959), British mycologist; at Jodrell Laboratory, Kew, 1899-1906; mycologist S.E.Agric. Coll., Wye 1906-1937; reader in mycology, London Univ. 1912; professor ib. 1925; specialist on hop diseases and Erysiphaceae; amateur bryologist. (*E.S. Salmon*).

HERBARIUM and TYPES: K; further material at B (partly destr.), DBN, E, OXF. – 13 letters to V.F. Brotherus at Helsinki Univ. Libr.; 12 letters to W.G. Farlow at FH; other letters at NY.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 233, 323; Andrews p. 324; Barnhart 3: 203; BJI 2: 151; BL 2: 268; Clokie p. 236; CSP 18: 418; Desmond p. 538 (d. 12 Oct 1959); De Toni 4: xlix; Hawksworth p. 185; Kelly p. 205; Lenley p. 358; LS 23550-23594a, 38714-38756, 41693-41695 (bibl.); LS suppl. 1: 1532, 2061, 9787, 9788, 23933-23997; MW p. 424; SBC p. 131; Stevenson p. 1256; Urban-Berl. p. 281.

BIOFILE: Amos, A.J., Inst. Brewing 66: 11. 1960 (obit., work with hops).
Anon., J. Mycol. 13: pl. facing p. 1. 1907 (portr.); The Times 18 Oct 1959 (portr.).
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Verdoorn, F., ed., Chron. bot. 2: 192. 1936, 5: 292. 1939.

EPONYMY: *Salmonia* Blumer et E. Müller (1964); *Salmonomyces* Chiddarwar (1959); *Note*: *Salmonia* Scopoli (1777) probably honors William Salmon (1644-1712), English medical doctor.

10.135. *A monograph of the Erysiphaceae* [Memoirs of the Torrey botanical Club volume ix, New York 1900)]. Oct. (*Monogr. Erysiph.*).
Publ.: 4 Oct 1900 (Nat. Nov. Nov(2) 1900), p. [i-iii], 1-292. *pl. 1-9. Copies*: BR, MICH, MO, NY, USDA; IDC 1344. – Issued as Mem. Torrey bot. Club 9.
Supplementary notes: Bull. Torrey bot. Club 29: 1-22. 28 Jan 1902, 83-109. Feb 1902, 181-210. *pl. 9-11.* 24 Apr 1902, 302-316. Mai 1902, 647-649. Nov 1902.
Ref.: Anon., Hedwigia 39: (206)-(207). 28 Dec 1900 (rev.).
Neger, F.E., Bot. Zeit. 59(2): 89-90. 16 Mar 1901 (rev.).

10.136. *A monograph of the genus Streptopogon*, Wils. ... Annals of Botany, ... 1903. Oct.
Publ.: Jan 1903, p. [107]-150, *pl. 8-10. Copy*: G. – Reprinted and to be cited from Ann. Bot. 17: [107]-150, *pl. 8-10.* 1903.

10.137. *A revision of some species of Ectropothecium* ... Bulletin of the Torrey Botanical Club ... 1904. Oct.
Publ.: Jun 1904, cover-t.p., p. 309-324, *pl. 13-14. Copy*: G. – Reprinted and to be cited from Bull. Torrey bot. Club 31: 309-324, *pl. 13-14.* 1904.

Salmon, John Drew (ca. 1802-1859), British botanist and ornithologist; manager of the Wenham Lake Ice Company; at Thetford 1835-1843; later at Godalming. (*J.D. Salmon*).

HERBARIUM and TYPES: NWH (2000); further material in GOD, OXF and RTE. Diaries at NWH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 203; BB p. 267; BM 4: 1793; Clokie p. 236; CSP 5: 382; Desmond p. 538 (d. 5 Aug 1859); DNB 50: 209-210 (17: 695) (by W.P.C.); Jackson p. 260; Kew 4: 579; PR 8017; Rehder 1: 400, 5: xxi; TL-2/750, see A. Fryer; Tucker 1: 620.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1917. 1878.
Anon., Phytologist 5: 35. 1861 (list of herbaria for sale); Proc. Linn. Soc. Lond. 5: xxiv-xxv (for 3 Nov 1859). 1860 (d.); Trans. Norfolk Norwich Natural. Soc. 2(4): 420. 1878 (biogr. note).
Boase, F., Modern Engl. biogr. 3: 390. 1965.
Boulger, G.S., *in* C.E. Salmon, Fl. Surrey 52. 1931.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.201, 328.24. 1980.
Kent, D.H., Brit. herb. 76. 1957 (coll.).
Salmon, C.E., Fl. Surrey 52. 1931.

COMPOSITE WORKS: (1) Contributed Appendix A, *An outline of the flora of the neighbourhood of Godalming* to E. Newman et al. (anonymous), *The letters of Rusticus* 1849 (Edward Newman, 1801-1872, TL-2/6776-6777). Salmon plants cited in this book are at GOD (Kent 1957).
(2) James Alexander Brewer (1818-1886), *Fl. Surrey* 1863, TL-2/750, was based on J.D. Salmon manuscripts.

10.138. *A flora of Surrey*; being a catalogue of indigenous plants found wild in the county, with the localities of the rarer species ... London (Printed by Edward Newman, ...) 1852. Oct. †. (*Fl. Surrey*).

Publ.: 1852 (p. 4: 6 Feb 1852), cover, double-page map, [1]-17. *Copies*: HH, NY. – See also Phytologist 2: 447-457. 1846 and 4: 558-566. 1852.

Salomon, Carl (1829-1899), German botanist, royal Bavarian gardener at Würzburg; popular author on botany. (*Salomon*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 19(b. 27 Oct 1829, d. 7 Feb 1899); Barnhart 3: 203; BJI 1: 50; BM 4: 1793; DTS 1: 253; Herder p. 271, 365, 400; Hortus 3: 1203; IF p. 728; Jackson p. 484; Kew 4: 579; Langman 667-668; Morren ed. 2, p. 10, ed. 10, p. 20; MW p. 424; MW suppl. p. 299; Rehder 5: 755-356; Tucker 1: 621.

BIOFILE: Schmid, G., Goethe u.d. Naturw. 281. 1940.

COMPOSITE WORKS: Co-editor, E. Regel, Gartenflora vols. 22-39.

10.139. Beilageheft zur Gartenflora. *Verzeichniss der botanischen Autoren* für Botaniker, Freunde der Pflanzenkunde und Gärtnerei von Carl Salomon, ... Verzeichniss sämmtlicher botanischen und landwirthschaftlichen Gärten, sowie der botanischen Museen, Herbarien und verwandten Institute in allen fünf Welttheilen, mit Angabe ihres derzeitigen Vorstandpersonals, nach den einzelnen Staaten in alphabetischer Reihenfolge zusammengestellt von Dr. F.G. von Herder, ... Erlangen (Verlag von Ferdinand Encke) 1870. Oct. (*Verz. bot. Aut.*).

Author of part 2(index to gardens, museums and herbaria): Ferdinand Gottfried Maximilian Theobald von Herder (1828-1896), see TL-2/2: 167-169, nos. 2671-2672.

Publ.: 1870 (p. 86: 6/18 Nov 1869; Bot. Zeit. 11 Nov 1870), p. [i-ii], [1]-86. *Copies*: G, H, M. – On p. [73]-86; Verzeichniss ... Gärten, by F.G. v. Herder.

Nachtrag zum Verzeichniss der botanischen Autoren: 1873, p. [i-ii], [1]-21. *Copies*: BR, G. – Beilageheft zur Gartenflora 1873. Erlangen (Verlag von Ferdinand Encke) 1873. Oct.

Ref.: A. de Bary, Bot. Zeit. 28: 725-726. 1870 (rev.).

10.140. *Wörterbuch der deutschen Pflanzen-namen*, besonders der im Volksmunde gebräuchlichen Benennungen wichtige heimischer wie fremder Gewächse, mit Beifügung der botanischen Namen ... Stuttgart (Verlag von Eugen Ulmer) 1881. Oct. (*Wörterb. deut. Pfl.-Nam.*).

Ed. 1: Jun-Jul 1881 (p. iv: Mai 1881; Bot. Centralbl. 25-29 Jul 1881; Bot. Zeit. 26 Aug 1881), p. [i]-iv, [1]-183. *Copies*: C (inf. A. Hansen), USDA.

Ed. 2: 1903 (Nat. Nov. Jul(1) 1903), p. [i]-vii, [viii], [1]-251, [252-256 adv.]. *Copies*: FAS, NY, USDA. – *Salomon's Wörterbuch der deutschen Pflanzennamen* alle Gattungen und fast alle Arten Deutschlands, Deutsch-Österreichs und der Schweiz, sowie alle Nutz- und Zierpflanzen, Gattungen der Gärten umfassend, mit Beifügung der botanischen Namen. 2. Auflage zur Grundlage einer einheitlicher Pflanzen-Benennung umgearbeitet von Andreas Voss ... [1857-1924] ... Stuttgart [Verlagsbuchhandlung Eugen Ulmar ...) 1930. Oct.

10.141. *Wörterbuch der botanischen Kunstsprache* für Gärtner, Gartenfreunde und Gartenbauzöglinge ... Stuttgart (Verlag von Eugen Ulmer) 1881. [i.e. 1880]. Oct. (*Wörterb. bot. Kunstspr.*).

Ed. 1: Oct-Dec 1880 (p. iv: Aug 1880; Bot. Centralbl. 11-15 Oct 1880; Bot. Zeit. 3 Dec 1880; Nat. Nov. Aug(1) 1881, ann.), p. [i]-iv, [1]-80. *Copy*: NY.

Ed. 2: Jun-Sep 1886 (p. iv: Mai 1886; Bot. Centralbl. 11-15 Apr 1887; Bot. Zeit. 29 Oct 1886; J. Bot. Nov 1886; ÖbZ 1 Dec 1886; Nat. Nov. Oct(1) 1886), p. [i]-iv, [1]-92. *Copies*: BM, MO, USDA.

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Ed. 5: Mar-Apr 1905 (Nat. Nov. Apr(2) 1905), 180 p. (n.v.).

Ed. 6: Dec 1911 or Jan 1912 (Nat. Nov. Jan(1) 1912), p. [i-iii], [1]-194. *Copy*: USDA. –

Salomon-Schelle Wörterbuch der botanischen Kunstsprache für Gärtner, Gartenfreunde und Gartenbauzöglinge. Sechste, wesentlich vermehrte Auflage bearbeitet von Ernst Schelle ... Stuttgart (Verlagsbuchhandlung Eugen Ulmer ...) 1912. Oct. – Co-author: Ernst Schelle.
Ed. 7: 1921 (Nat. Nov. Mai 1921), p. [i]-iv, [1]-212, by E. Schelle n.v.).
Ed. 8: 1929 (p. iii: Jan 1929), p. [i-iv], [1]-243. *Copies*: M, USDA. – Stuttgart (id.) [1929] by E. Schelle.

10.142. *Nomenclator der Gefässkryptogamen* oder alphabetische Aufzählung der Gattungen und Arten der bekannten Gefässkryptogamen mit ihren Synonymen u. ihrer geographischen Verbreitung ... Leipzig (Verlag von Hugo Voigt, ...) 1883. Oct. (*Nomencl. Gefässkrypt.*).
Collaborator: Karl Anton Eugen Prantl (1849-1893).
Publ.: Jun 1883 (p. iv: Jun 1883; Bot. Zeit. 20 Jul 1883; J. Bot. Aug 1883; ÖbZ 1 Sep 1883; Bot. Centralbl. 2-6 Jul 1883; Nat. Nov. Jul(1) 1883; Flora 1 Sep 1883), p. [i]-x, [1]-385. *Copies*: BR, FH, FI, G, H, HH, NSUB, NY, PH, US, USDA. – On p. 380-385 a list of collectors and authors.
Ref.: Prantl, K.A.E., Bot. Zeit. 41: 606-607. 1883 (rev.).
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10.143. *Deutschlands winterharte Bäume* und Sträucher systematisch geordnet zum Gebrauche für Landschaftsgärtner und Baumschulenbesitzer ... Leipzig (Verlag von Hugo Voigt, ...) 1884. Oct. (*Deutschl. winterh. Bäume*).
Publ.: Mar-Apr 1884 (p. vi: Mar 1884; Bot. Centralbl. 21-25 Apr 1884; Bot. Zeit. 30 Mai 1884; J. Bot. Jun 1884; Flora 11 Jul 1884; Nat. Nov. Apr(2) 1884), p. [i]-viii, [1]-233, [234, er.]. *Copies*: HH, NSUB (inf. G. Wagenitz).
Ref.: Koehne, E., Bot. Zeit. 42: 751-752. 1884 (rev.).
Moebius, M., Bot. Centralbl. 21: 135. 1885.

10.144. *Wörterbuch der botanischen Gattungsnamen* mit Angabe der natürlichen Familien der Artenzahl, der geographischen Verbreitung und den Zeichen der Dauer ... Stuttgart (Verlag von Eugen Ulmer) 1887. Oct. (*Wört.-B. bot. Gatt.-Nam.*).
Publ.: Aug-Sep 1886 (p. iv: Aug 1886; Nat. Nov. Oct(1) 1886; Bot. Centralbl. 18-22 Oct 1886; ÖbZ 1 Dec 1886; J. Bot. Nov 1886), p. [i]-iv, [1]-292. *Copies*: C, USDA.
Ref.: Freyn, J.F., Bot. Centralbl. 29: 290. 7-11 Mar 1887.

10.145. *Die Palmen* nebst ihren Gattungen und Arten für Gewächshaus- und Zimmer-Kultur ... Berlin (Verlag von Paul Parey ...) 1887. Oct. (*Palmen*).
Publ.: Sep-Oct 1887 (J. Bot. Nov 1887; Bot. Zeit. 25 Nov 1887; Nat. Nov. Oct(2) 1887), p. [i-viii], [1]-184. *Copies*: BR, HH, MO, NY, PH, US.
Ref.: Kienitz-Gerloff, J.H.E.F., Bot. Zeit. 46: 78-79. 1888 (rev.).

Salt, Henry (1780-1827), English traveller and Egyptologist; secretary to Lord Valentia in India and Africa 1802-1805; in Abyssinia 1805 and 1809-1810; in Moçambique 1809; consul-general for Gr. Britain in Egypt 1815-1827. (*Salt*).

HERBARIUM and TYPES: Abyssinian plants at BM (worked up by R. Brown). – Other material at G and MO. – Letters to J. Banks at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 204; BB p. 267;BM 4: 1793; Dawson p. 730-732; Desmond p. 538 (b. 14 Jun 1780, d. 30 Oct 1827); DNB 50: 212-213 (17: 701-702); Herder p. 58; Kew 4: 579-580; Lasègue p. 167-169, 301, 323, 504; Rehder 1: 487; RS p. 140; SO add. 802i; TL-1/1149; Tucker 1: 621.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1918. 1878 (bibl.).
Anon., Brit. Mus. gen. cat. print. books 212: 45-46. 1964.
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Candolle, A. de, Phytographie 446. 1880 (coll.).
Embacher, F., Lexikon Reisen 257. 1882.
Exell, A.W. & G.A. Hayes, Kirkia 1: 130-137. 1961 (biogr., itin.), 6(1): 100. 1967 (coll. Fl. Zambesiaca area).
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Smith, E., Life Joseph Banks 283-286. 1911.
Vallot, J., Bull. Soc. France 29: 189. 1882. (itin.).

EPONYMY: *Saltia* R. Brown ex Moquin (1849).

10.146. *A voyage to Abyssinia*, and travels into the interior of that country, executed under the orders of the British Government, in the years 1809 and 1810; in which are included, an account of the Portuguese settlements on the East Coast of Africa, visited in the course of the voyage; a concise narrative of late events in Arabia felix; and some particulars respecting the aboriginal African tribes, extending from Mosambique to the borders of Egypt; together with vocabularies of their respective languages. Illustrated with a map of Abyssinia, numerous engravings, and charts ... London (printed for F.C. and J. Rivington, ...) 1814. Qu. (*Voy. Abyss.*).

Publ.: Sep 1814 (preface: 9 Jul 1814; P & W p. 512, RS), p. [i]-xi, [xiii-xvi], [1]-506, i-lxxv (appendix), 37 pl., charts, maps. *Copies*: F, HH, PH. – Part of Appendix 4 by Robert Brown: on p. lxiii-lxv, "*List of new and rare plants, collected in Abyssinia* ..." The new names are almost exclusively *nomina nuda*. The list is reproduced in Flora 4(1), Beil. 2: 61-64. Jan-Jun 1821.

German transl.: 1815 (p [i]-xvi, [1]-480, map. *Copy*: NSUB (inf. G. Wagenitz). – *Neue Reise nach Abyssinien* in den Jahren 1809 und 1810. Aus dem Englischen übersetzt und mit einigen Anmerkungen begleitet, von Friedrich Rühs. Weimar (im Verlage des Landes-Industrie-Comptoirs) 1815. Oct., p. [i]-xvi, [1]-480, map. - On p. 474-478: list of new and rare plants (by R. Brown). – See also E. de Berg, Add. ad Thes. lit. bot. 31. 1859.

French "version": 1812, 2 vols., *Voyage en Abyssinie*, par Mr. Salt, traduit de l'Anglais et extrait des voyages de bord Valentia ... À Paris (chez J.J. Paschoud, ...) et à Genève (chez le même Imprimeur-Libraire) 1812, 2 vols. (*Voy. Abyss.*). *Copy*: H.
1: 1812, p. [1]-304.
2: 1812, p. [1]-272, *pl. 1-9*.

Note: This is not an earlier version of Salt's *Voy. Abyss.* of 1814 but rather the French version of its predecessor: Voyages and travels to India ... Abyssinia, and Egypt ... by George Viscount Valentia [G. Annesly, Earl of Mountnorris], which contains in vols. 2 and 3, 1809, H. Salt's *Narrative of an Expedition to Abyssinia*, London 1809. Qu.

Salter, John Henry (1862-1942), English botanist and ornithologist; Bsc. London; with Strasburger 1896; teacher at various schools 1881-1888; professor of botany Univ. Coll. Aberystwyth 1891-1908; in the Canary Isl. and S. France 1908-1916; ultimately in Great Britain, from 1928 in the Aberystwyth area. (*Salter*).

HERBARIUM and TYPES: NMW. Some further material at E. – Diary at Natl. Libr. Wales; drawings at Univ. Coll. Aberystwyth.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 204; BL 2: 316; BM 4: 1793; Desmond p. 539 (b. 5 Jun 1862, d. 5 Aug 1942); IH 1 (ed. 6): 364, (ed. 7): (in press), 2: (in press); Rehder 1: 140; Tucker 1: 621.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 212: 69. 1964; Nature 150: 229. 1942 (d.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 5.45, 6.3, 84.34. 1980.
Ellis, G., Amgueddfa 16: 14. 1974 ("plant hunting in Wales").
Kent, D.H., Brit. herb. 77. 1957 (coll.).
Newton, L., Nature 150: 314-315. 1942 (obit.).
Newton, L. et al., North West. Natural. 17(3): 265-270. 1942 (obit., various tributes by colleagues).
Verdoorn, ed., Chron. bot. 2: 175. 1936, 6: 304. 1941, 7: 354. 1943 (d.).

10.146a. *List of the flowering plants and ferns of Aberystwyth* and neighbourhood ... Aberystwyth (J. & J. Gibson, ...) [1903]. Oct. (*List fl. pl. Aberystwyth*).
Publ.: Jan-Feb 1903 (J. Bot. Mar 1903; Bot. Centralbl. rd 15 Feb 1903), p. [1]-46. *Copy*: HH.

10.147. *The flowering plants and ferns of Cardiganshire* ... Cardiff (University Press Board) 1935. Oct. (*Fl. pl. Cardiganshire*).
Publ.: Jun 1935 (E copy rd 29 Jun 1935; J. Bot. Aug 1935; Nat. Nov. Jul 1935), p. [i]-vi, [1]-182. *Copies*: E, G, HH, MO, NY, USDA.
Supplement: 1952 (preface 15 Jan 1952), p. [i]-vi, [1]-45, [1-2]. *Copy*: E. – A supplement to Dr. J.H. Salter's The flowering plants and ferns of Cardiganshire edited by A.E. Wade with a foreword by Lily Newton.
Ref.: Pugsley, H.W., J. Bot. 73: 238-239. 1935.

Salter, Terence Macleane (1883-1969), English amateur botanist; Royal navy paymaster 1904 (commander 1922) until 1931 (retired as paymaster captain); settled in Cape Town, S. Africa 1935, devoting himself to the study of the Cape flora; Honorary Reader in systematic botany, Bolus Herbarium 1930-1960; Dr. sci. h.c. Univ. Cape Town 1955; Bolus medal 1965; specialist on *Oxalis*. (*T.M. Salter*).

HERBARIUM and TYPES: NBG; other material at B, BM, BOL (impt. set), K (id.), MO, PRE, SAM, UPS, W. Library and mss. at NBG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 204; Bossert p. 346; Desmond p. 539 (b. 5 Feb 1883, d. 30 Mar 1969); Hortus 3: 1203; IH 1 (ed. 6): 364, (ed. 7): 341; NI 3: 43; Roon p. 98.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 212: 74-75. 1964; Bull. misc. Inf. Kew 1930: (app. 1) 34, 1931, (app. 1): 32, 1933 (app.): 32, 1935 (app.): 635 (coll.); S. Afr. Forum bot. 4(10): 1-2. 1966 (Harry Bolus medal).
Bullock, A.A., Bibl. S. Afr. bot. 98. 1978 (bibl.).
Garside, S., frontisp. portr. to R.A. Dyer, ed., Fl. pl. Afr. 33, 1959.
Gunn, M. & L.E. Codd, Bot. expl. S. Afr. 306-307. 1981 (portr., coll.).
Lawder, M., Gard. Chron. 165: 40. 1969 (obit., not.).
Plessis, E.P. du & J.P. Rourke, J.S. Afr. Bot. 37(3): 177-182. 1971 (obit., bibl. portr.).

COMPOSITE WORKS: (1) Salter's *The genus Oxalis in South Africa*, a taxonomic revision. Cape Town, Nov 1944, 355 p., was issued as J.S. Afr. Bot. suppl. vol. 1 (rev. M.R. Levyns, J.S. Afr. Bot. 11: 91-93. 1945), errata in J.S. Afr. Bot. 23(3): 103-104. 1957.
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(3) M.M. Kidd, *Wild flowers of the Cape Peninsula* ... with text and nomenclature compiled under the supervision of ... T.M. Salter, ... 1950.
(4) *Journal of South African Botany, Index* to vols. 1-15, 1935-1949, compiled by T.M. Salter.

EPONYMY: *Saltera* Bullock (1958).

Salter, Thomas Bell (1814-1858), Scottish physician and botanist; Dr. med. Edinburgh; practiced at Ryde (Isle of Wight). (*T.B. Salter*).

HERBARIUM and TYPES: K; further material at AK, CGE, E, Ryde Museum.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 204; BB p. 267; BL 2: 238, 243, 713; BM 4: 1794; CSP 5: 385; Desmond p. 539-540 (d. 30 Sep 1858); Jackson p. 258; Kew 4: 580; PR 8019, ed. 1: 8976; Rehder 5: 756; TL-2/792; Tucker 1: 621.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 212: 75. 1964.
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Candolle, Alph. de, Phytographie 446. 1880 (Rubus at LINN [now K]).
Kent, D.H., Brit. herb. 77. 1957 (coll.).

COMPOSITE WORKS: Co-editor (with W.J. Hooker) of W.A. Bromfield, *Fl. vect.* 1856, TL-2/792.

10.148. *A short account of the botany of Poole*, and its neighbourhood; being an appendix to Sydenham's History of Poole) by Thomas Bell Salter, ... Poole (Sydenham, ...) 1839. Qu. (*Bot. Poole*).
Publ.: 1839, p. [1]-20, 485-491. *Copies*: K, LC. - Reprinted from John Sydenham, *The history of the town and county of Poole*, 1839, p. 465-491.

Salwey, Thomas (1791-1877), British clergyman and lichenologist; BD Cambridge; rector Oswestry, Shropshire 1833-1872. (*Salwey*).

HERBARIUM and TYPES: BM and K; other material at CGE, DBN, H-NYL (Lich.). – *Lichenes centum ex herbario T. Salwey*, fasc. 1-4, nos. 1-400; sets at BM, DBN; a note in J. Bot. 7: 63. 1878, mentions also *Lichenes britannici*, vols. 1-4, nos. 1-397, possibly identical with the previous series (see Sayre 1969); mss. journal and lichens also at Ludlow Museum. *Letters* at BM and K. – Hawksworth and Seaward (1977) state for S.'s lichens: "? BM (perhaps lost)".

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BIOFILE: Anon., Brit. Mus. gen. cat. print. books 212: 191. 1964; J. Bot. 16: 63. 1878 (d.).
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Mitchell, M.E., Bibl. Irish lichenol. 57. 1971.
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COMPOSITE WORKS: D. Jones, *The tourist's and visitor's hand-book and guide to Harlech* 1863, ... the Botany by T. Salwey (n.v.).

10.149. *A list of certain plants* to be met with *in the neighbourhoods of Barmouth, Dolgelley, and Harlech*, with a few habitats of plants in other parts of Merionetshire ... Barmouth (published by D. Jones ...) 1863. Oct. (*List pl. Barmouth*).
Publ.: 1863 (p. 6: 1 Mai 1863), p. [i], [1]-40. *Copy*: HH. – See also J. Kynoch, *Wild flowers of Barmouth* 1910.

Salzmann, Philipp (1781-1851), German (Saxonian) botanist; studied medicine at Göttingen (1800-1801), Wien (1801-1803), Halle (1803-1805), and Paris (1805); settled in Montpellier (1806) as hospital physician, later devoting himself to botany and entomology; collecting extensively in S. France, N. Africa, Spain (1823-1825) and Brazil, mainly Bahia, 1827-1830. (*Salzm.*).

HERBARIUM and TYPES: MPU; other material at AL, AWH, B (mainly destroyed), BR, CGE, E, FI, G, GOET, H, HAL, K, KIEL, LE, LZ, M, MO, MW, NCY, NEU, NY, OXF, P, PRC, R, W.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 215, 5(1): 471, 6(2): 470, 7: 90; Barnhart 3: 508; Clokie p. 237; CSP 5: 387; GR p. 42, cat. p. 71; Hortus 3: 1203; IF (ed. 7): 341, 2: (file); Kew 4: 581; Lasègue p. 233-234, 305, 442, 504, 505; Moebius p. 422; PFC : lv, 3(1): x; PR 277; Saccardo 1: 144-145; SBC p. 131; Tucker 1: 621; Urban-Berl. p. 390.

BIOFILE: Anon., Bull. Soc. bot. France 4: 560. 1857 (herb. MPU), 31: 319. 1884.; Flora 4: 332-336. 1821 (exsicc.), 6: 702. 1823, 7: 574. 1824, 8: 96, 741. 1825 (notes on spanish trip), 9: 575-576. 1826 (exsicc.), 10(2): Beil. 1: 95-96. 1827 (exsicc.); Gartenflora 2(3): 96. 1853 (obit.).
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Ziz, J.B., Flora 2: 64, 121, 127-128. 1819 (offers S's S. French collections for sale), 7: 575-576. 1826 (id. Spanish-Tanger coll.).

HANDWRITING: Webbia 32(1): 34. 1977.

EPONYMY: *Salzmannia* A.P. de Candolle (1830).

10.150. *Enumeratio plantarum rariorum*, in Gallià australi sponte nascentium, quas in usum botanicorum legit et exsiccavit Ph. Salzmann. [Monspelii [Montpellier] (Fontenay) 1818]. Oct. (*Enum. pl. rar.*).
Publ.: Jul 1818 (preface; Flora 28 Feb 1819), p. [1]-13. *Copies*: G, NY. – Also published in Isis, Jena 1819: 245-251. – Lists plants from S. France offered for sale.

Sambuc, Camille (1859-?), French naval pharmacist from Toulon, later professor of pharmacy at the Faculté de Médecine et de Pharmacie de Lyon. (*Sambuc*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 53, 316; Rehder 1: 301, 3: 93.

BIOFILE: Jordell, D. ed., Cat. gén. libr. franç. 15: 770. 1904, 19: 596. 1909, 26: 738. 1918.

10.151. *Contribution de la flore et de la matière médicale de la Sénégambie.* Thèse présentée à l'École supérieure de Pharmacie de Montpellier le 30 juillet 1887 par Camille Sambuc ... Montpellier (Imprimerie Christin. Serre et Ricome ...) 1887. (*Contr. fl. mat. méd. Sénég.*).
Publ.: 30 Jul-11 Nov 1887 (date thesis; BSbF rd 11 Nov 1887), p. [i]-xii, 13-102. *Copies*: FI, MO.

Sampaio, Alberto José de (1881-1946), Brazilian botanist; with the botanical section

of the Rio de Janeiro Museo nacional from 1905; from 1910 as associate professor, and from 1912 as professor and chief of the section. (*A. Samp.*).

HERBARIUM and TYPES: R; duplicates at B (mainly destr.), IAC, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 205 (b. 5 Feb 1881); BJI 2: 151; BL 1: 240, 242, 243, 316; BM 8: 1134; IF suppl. 3: 217-218; IH 1 (ed. 7): 342; Kew 4: 581-582; TL-2/2851; Tucker 3: 266.

BIOFILE: Castellanos, A. & R.A. Pérez Moreau, Lilloa 6: 29, 40, 103, 159. 1941, 7: 437, 438, 462, 489. 1941 (d.).
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Labouriau, L.F.G., Rodriguesia 21: 129-130. 1947 (obit., portr.).
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(2) With J. Cezar Diogo, *Apontamentos para a revisão da Flora brasiliensis de Martius*, À lavoura 16(4-6): 49-61. 1912 (bibl. notices). Sampaio published further bibliographical notices on the flora of Brazil, all very incomplete, in his series "*Bibliographica botanica* relativa á flora brasileira, com inclusão dos trabalhos indispensaveis aos estudios botanicos no Brazil" in Bol. Mus. Nac. Rio de Janeiro 1: 111-125, 235-245, 1924, 2(3): 35-61, (5): 19-38. 1926, 3(1): 37-45. 1927, 4(3): 97-119. 1928 (see BL 1: 240).

EPONYMY: *Sampaiella* J.G. Gomes f. (1949).

10.152. Sociedade nacional de agricultura. *Apontamentos para a revisão da Flora brasiliensis* de Martius, cuiando especialmente do indice das novas diagnoses, posteriores ás diversas monographias da Flora de Martius e am geral de plantas brazileiras não citadas nessa obra e bem assim da area geographica das plantas brazileiras segundo os actuaes conhecimentos de geographia botanica ... Rio de Janeiro (Imprensa nacional) 1914. Oct. (*Apont. rev. Fl. bras.*).
Co-author: Julio Cezar Diogo.
Publ.: 1914 (p. 15), p. [1]-32. *Copies*: US, USDA. – The text on p. 3-15 was previously published in A Lavourua Anno 16: 49-61. 1912 (fide W. Herter, Bot. Centralbl. 122: 603. 17 Jun 1913).

10.153. *A flora de Matto Grosso* memoria em homenagem aos trabalhos botanicos do Commisão Rondon (Commissão estrategica de linhas telegraphicas de Matto Grosso ao Amazonas) Contendo o historico dos herborizaçoes até hoje feitas no Estado do Matto Grosso, as Collecções obtidas e sua distribução pelos diversos hervarios mundiaes, o catalogo das plantas matto-grossenses e bibliographia botanica relativa ao Estado de Matto Grosso [Arch. Mus. nac. Rio de Janeiro 19, 1916]. Oct.
Publ.: 1916 (p. 4: Feb 1916), p. [1]-125, 11 maps. *Copy*: G. – Reprinted and to be cited from Arch. Mus. nac. Rio de Janeiro 19: 1-125. 1916.

10.154. *Lista das orchidaceas* do Hervario da Secçao de Botanica do Museo nacional ... Contribuçao n. 1 do Catalogo geral (Junho de 1923). Rio de Janeiro (Typ. do Museu nacional) 1923. (*Lista orchid.*).
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10.155. *Cyatheaceas* do Hervario da Secçao de Botanica do Museu nacional ... Lista n. 2 do Catalogo geral (Julho de 1923). Rio de Janeiro (Typ. do Museu nacional) 1923. (*Cyatheaceas*).
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10.156. *Hymenophyllaceas* do Hervario da Secçao de Botanica do Museu nacional ... Lista n. 3 do Catalogo geral (Outubro de 1923). Rio de Janeiro (Typ. do Museu nacional) 1923. (*Hymenophyllaceas*).
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Publ.: Mai 1924, p. [1]-49. *Copies*: BR, FAS, M.

10.158. *Contribuições para a nova Flora brasiliense* o gen. *Alsophila* R. Br. (1810) na flora brasileira (Cyatheaceas) ... [1925]. Oct.
Publ.: 1925 (p. 76: Apr 1925), p. [i], [35]-82, *pl. 1-20*. *Copy*: HH. – Reprinted and to be cited from Arch. Mus. nac. Rio de Janeiro 25: [35]-82. 1925.

10.159. *A nomenclatura botánica e o methodo de typos* ... Rio de Janeiro 1930.
Publ.: Sep 1930 (in journal), p. [i], [1]-39. *Copy*: FAS. – Reprinted with a cover-t.p. and an English summary (p. [i]) from Bol. Mus. nac. Rio de Janeiro 6(3): 149-188. Sep 1930.

10.160. *Phytogeographia do Brasil*... São Paulo (Companhia editora nacional ...) 1934. Oct. (*Phytogeogr. Brasil*).
Ed. [*1*]: Oct 1934(colophon: Oct 1934), p. [1]-284, [1, colo.]. *Copy*: HH.
Ed. 2: Nov-Dec 1938 (p. 355: printed Nov 1938), p. [1]-334, [335]. *Copy*: MO.
Preliminary publ.: Bol. Mus. nac. 6(4): 271-299. 1930; also reprinted with cover-t.p., *copy*: G.

10.161. *Eufiliceneas do Rio Cuminá* ... Rio de Janeiro (Archivos do Museu nacional 32) [1930]. Qu.
Publ.: 1930, p. [i], [9]-48., *pl. 1-12*. *Copies*: G, U. – Reprinted and to be cited from Arch. Mus. nac., Rio de Janeiro 32: 9-48, *pl. 1-12*. 1930.

10.162. *A flora do Rio Cuminá* Archivos do Museu nacional vol. xxxv Rio de Janeiro [1933].
Publ.: 1933 (p. 206: 22 Apr 1933), p. [i], [1]-206, *pl. 1-10*. *Copies*: HH, U, US. – Issued and to be cited as Arch. Mus. nac. Rio de Janeiro 35: 1-206. 1933. – See also ibid. 34: 49-109. 1932 for id. Cyperaceas, Malpighiaceas, Leguminosas; and list of previous publications on the *Flora do Rio Cuminá* on the inside cover of the above reprint.

10.163. *Nomes vulgares de plantas da Amazonia* (com anotaçoes de A. Ducke) ... Rio de Janeiro (Museu nacional) 1934. Oct.
Notes: Adolpho Ducke (1876-1959), see TL-2/1: 690.
Publ.: 1934, p. [1]-69. *Copies*: H, U. - Reprinted and to be cited from Bol. Mus. nac., Rio de Janeiro 10: 1-69. 1934. - *Nomes vulgares de plantas do Distrito Federal e Estado do Rio* in Bol. Mus. nac., Rio de Janeiro 13: 161-293. Mar-Jun 1937 (publ. 1938); amended version Bol. Mus. nac., Rio de Janeiro, ser. 2. Bot. 4: 1-150. 15 Jan 1946.

10.164. *Pseudocalymma* A. Samp. et Kuhlm. novo genero (Bignoniaceas) ... Museu nacional Rio de Janeiro. 1934.
Co-author: João Geraldo Kuhlmann (1882-1958).
Publ.: Mar-Dec 1934, cover-t.p., p. [99]-101, *1 pl.* 1934. *Copy*: U. – Reprinted and to be cited from Bol. Mus. nac. 10: 99-101. 1934. – ING 3: 1428 gives an earlier publication of this name by the author in "Campo Rio de Janeiro 4(11): 15. 1933" not seen by us.

Sampaio, Gonçalo António da Silva Ferreira (1865-1937), Portuguese botanist; studied at the Coimbra Polytechnic and the University of Coimbra; at the botanical department of the University of Porto (then "Academia polytechnica") from 1901 as "naturalista adjunto", from 1912-1935 as professor of botany. (*Samp.*).

HERBARIUM and TYPES: PO; other material at C, COI, GB, INA, LD, LISE, LISI, LISU, W. - Issued: *Lichenes de Portugal*, nos. 1-300. Sets at COLO, FH, LD, M, PO, UPS (see Sayre 1969).

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BIOFILE: Anon., Brotéria 1: 194. 1903, 3: 310. 1904 ("naturalista do museu da Academia (secção de botanica)); Bull. Acad. int. Géogr. 16: 161. 1907, 18: 14. 1909 ("conservateur de l'herbier, Académie polytechnique"); Grande enciclopédia portuguesa e brasileira 26: 888-889. 1945 (detailed biogr. inf., list of publ.).
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Pires de Lima, A., Anais Fac. Ci. Univ. Porto 37(4): 193-199. 1953 (inauguration monument).
Rozeira, A., Publ. Inst. bot. Sampaio, Univ. Porto ser. 3. 11: 1-21. 1967 (biogr., portr.), also in Bol. Soc. Port. Ci. nat. ser. 2. 11(1): 27-45. 1966. An. Fac. Ci. Univ. Porto 50(1/2): 59-60. 1967 (commemoration, portr.).
Sayre, G., Mem. New York Bot. Gard. 19(1): 161. 1969 (exsicc.).
Taborda de Morais, A., Bol. Soc. Broter. ser. 2. 12: 297-314. 1937 (obit., discussion work, bibl., portr.).
Verdoorn, F., ed., Chron. bot. 2: 259. 1936, 5: 100 (obit.), 101 (portr.). 1939.

EPONYMY: *Sampaioa* Gonzalez Fragoso (1923); Instituto de botânica "Dr. Gonçalo Sampaio", Porto.

10.165. *Estudos sobre a flora dos arredores do Porto* ... Ann. Sci. nat., vol. vi, 1899. Porto. Oct.
Publ.: 1899, p. [1]-12. *Copy*: G. – Reprinted and to be cited from Ann. Sci. nat., Porto 6: [51]-62. 1899.

10.166. *Um passeio botanico ao Torrão* ... Coimbra (Imprensa da Universidade) 1901. Oct.
Publ.: 1901, p. [1]-35. *Copy*: G. – Reprinted and to be cited from Bol. Soc. Brot. 18: 47-79. 1901.

10.167. *Nota sobre as especies do genera Mentha* dos arredores do Porto ... Extr. da Bol. Soc. Brot. vol. xviii, 1901. Oct.
Publ.: Jan 1902 (p. 11), p. [1]-11. *Copy*: G. – Reprinted and to be cited from Bol. Soc. Brot. 18: 126-136. 1901 (1902).

10.168. Herbario portuguez da Academia polytechnica do Porto. I. *Cryptogamiae* ... Coimbra (Imprensa da Universidade) 1902. Oct. (*Cryptogamiae*).
Publ.: 1902 (p. [5]: Mai 1905), p. [1]-95. *Copy*: G(2). – Reprinted from Annuario Acad. polytechn. Porto 1901-1902: 83-171. 1902.

10.169. *Alguns Rubus novas para a flora portugueza* ... Separata de A Revista n.º 3, ... 1904. Oct.
Publ.: 15 Sep 1904 (preprint so dated), p. [1]-4. *Copy*: G. – Preprinted from A Revista 3: 31-34. 1904. – Continued ib. 4: 54-57. 1904 (n.v.).

10.170. "*Rubus*" *portuguezes* contribuçoes para o seu estudo ... Porto (Typ. de A.F. Vasconcellos, ...) 1904. Oct. (*Rubus port.*).
Publ.: 1904, p. [1]-101. *Copies*: BR, G. – Preprinted from Ann. Sci. nat., Porto 9: 5-101. 1905.

10.171. Estudos sobre a flora dos arredores do Porto. Gen. *Spergularia* ... Coimbra (Imprensa da Universidade) 1904. Oct.

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10.172. Contribuções para o estudo da flora portugueza. *Epilobiaceae* ... [Coimbra – Imprensa da Universidade – 1906].
Publ.: 1906 (p. 27: Jun 1905, p. 28: printed 1906), p. [1]-27, [28, map]. *Copy*: G. – Reprinted and to be cited from Bol. Soc. Brot. 21: 182-208. 1905 (1906).

10.173. *Notas criticas sobre a flora portugueza* ... Porto (Typ. de A.F. Vasconcellos, Succ. ...) 1905. Oct.
Publ.: Dec 1905 (date on (p)reprint), p. [1]-78, [1, err.]. *Copy*: G. – Preprinted or reprinted from Ann. Sci. nat., Porto 10, 1905 or 1906 (n.v.).

10.174. *Flora vascular de Odemira* ... Coimbra (Imprensa da Universidade) 1908. Oct.
Publ.: 1908, p. [1]-128. *Copy*: G. – Reprinted from Bol. Soc. Brot. 24: [7]-132. 1908.

10.175. *Manual da flora portugueza* s.l.n.d. [1909-1914]. Oct. †. (*Man. fl. port.*).
Publ.: 1909-1914 (in 12 fasc.; see Bol. Soc. Brot. ser. 2. 12: 307-308. 1937, 1-48. 1909, 49-208, 1910, 209-310. 1911, 321-368. 1912, 369-384. 1913, 385-446. 1914), p. [1]-446. *Copy*: USDA. – Unfinished; through fam. 115, Plantaginaceae and sp. 1809. Taborda de Morais (1937) provides the following dates:

pages	dates	pages	dates
1-16	Jul 1909	321-336	Jan 1912
17-32	Aug 1909	337-353	Nov(?) 1912
33-48	Dec1909	354-368	Dec 1912
49-176	Jan-Mai 1910	369-384	Nov 1913
177-208	1910	385-400	Nov 1914
209-320	Jan-Dec1911	401-416	Dec 1914

Ed. 2: as Flora portugueza, see below, 1946.

10.176. Lista das espécies representadas no *Herbário português*. Pteridófitas e spermáfitas ... Porto (Tipografia Costa Carregal ...) [1913].
Publ.: Jul 1913 (date on cover; p. [8]: Mai 1913; NY copy signed by author 10 Aug 1913, G copy id. 3 Aug 1913; ÖbZ Sep 1913; Bot. Centralbl. 6 Jan 1914), p. [1]-148, err. slip. *Copies*: BR, FI, G, H, NY, PH, USDA.
Apêndice: 3 Jan 1914 (t.p.), p. [1]-10, [11-13]. *Copies*: G, PH, USDA. – "Apêndice à lista das espécies representadas no Herbário português".
Apêndice 2: 14 Feb 1914 (t.p.), p. [1]-9, [10-11]. *Copies*: G, PH, USDA. – "*Segundo apêndice ... português*".
Apêndice 3: 18 Nov 1914 (t.p.), p. [1]-15, [16-19]. *Copies*: G, PH, USDA. – "*Terceiro apêndice ... português*".

10.177. *Quadro analitico* para a determinaçao das familias *da flora portuguesa* ... Porto (Tipografia do Enciclopédia portuguesa, ...) [ ]. (*Quadro anal. fl. port.*).
Ed. 1: 1913 (fide Tabor de Morais (1937), p. [1]-31. *Copy*: USDA.
Ed. 2: 1922, Braga, n.v.
Ed. 3: 1926. Porto, n.v.
Ed. 4: 1930. Porto, n.v.

10.178. *Líquenes novos para a flora portuguesa* ... Braga (Tip. a vapor de A. Costa & Mattos) 1916. Oct.
Ser. 1: Jul 1916 (reprint at G, signed by author 9-7-1916, p. [1]-22. *Copy*: G. – Preprinted (with special t.p.) Brotéria, Bot. 14(2): 65-84. 1 Aug 1916.
Ser. 2: 1 Apr 1917 (in journal), p. [23]-40, reprinted from Brotéria 15(1): 12-29. 1 Apr 1917.
Ser. 3: 1 Dec 1917 (in journal), p. [41]-58, id. 15(3): [128]-145. 1 Dec 1917. – IDC 6445.

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Publ.: 1917 (p. 4: 12 Jun 1917), cover t.p., p. [1]-4. *Copies*: UPS; IDC 6445. – Reprinted from Ann. Acad. Polytechn. Porto 12: 47-50. 1917.

Booknumber 10.180 has not been used.

10.181. *Líquenes novas para a flora portuguesa* ... Braga 1916-1917, 3 series.
1: 1916, Brotéria 14: 64-84. 1916.
2: 15 Mar 1917 (date on cover reprint), p. [23]-40. *Copies*: UPS; IDC 6445. – Reprinted and to be cited from Brotéria, Bot. 15: 12-29. 1917.
3: p. [41]-58. *Copies*: Almborn, UPS; IDC 6445. – Id. Brotéria, Bot. 15(3): 128-145. 1917.

10.182. Asociación española para el progreso de las ciencias. Congreso de Sevilla. *Os liquenes espanhoes do herbarium Willkomm* ... Madrid (Imprenta de Eduardo Arias) [1917]. Oct. (*Liqu. esp. Willkomm*).
Publ.: 1917, cover-t.p., p. [135]-144. *Copies*: Almborn, UPS; IDC 6445. Text of presentation on 7 Mai 1917.

10.183. *Contribuições para o estudo dos líquenes portugueses* ... Coimbra (Imprensa da Universidade) Julho de 1918. Oct.
Publ.: Jul 1918, p. [1]-15. *Copies*: Almborn, UPS; IDC 6445. – Reprinted and to be cited from Ann. Acad. Polytechn. Porto 13: 24-38. 1918 (n.v.).

10.184. *Líquenes inéditos* ... Porto impresso a 14 de Dezembro de 1920. (*Líqu. inéd.*).
Publ.: 15 Dec 1920 (printed 14 Dec 1920; copy sent to R. Chodat signed 15 Dec 1920), p. [1]-8. *Copies*: G, UPS; IDC 6445.

10.185. *Novas contribuições para o estudo dos liquenes portugueses* ... Braga 1921. Oct.
Publ.: Mar 1921 (t.p. reprint), p. [1]-12. *Copies*: UPS; IDC 6445. – Reprinted and to be cited from Brotéria, Bot. 19(1): [12]-35. 1921.

10.186. *Observações sobre algumas plantas* ... Coimbra (Imprensa da Universidade) 1921. Oct.
Publ.: 1921 (M copy, sent to Zahlbruckner, is dated "Porto, 5;. – 1921, possibly Mai 1921), p. [1]-23. *Copy*: M. – Reprinted and to be cited from Annaes Acad. Polytechn. Porto 14(3): 142-164. 1921.

10.187. *Materiais para a liquenologia portuguesa* ... Braga 1921. Oct.
Publ.: 10 Oct 1922 (date on t.p. reprint), p. [1]-17. *Copies*: Almborn, UPS; IDC 6445. – Reprinted and to be cited from Brotéria, Bot. 20: [147]-163. 1922.

10.188. Nota apresentada ao congresso de Salamanca. Junho de 1923. *Carlosia*, Samp. Novo género de liquenes. Porto, Junho de 1923. (*Carlosia*).
Publ.: Jun 1923, p. [1]. *Copies*: Almborn, UPS; IDC 6445.

10.189. *Novos materiais para a liquenologia portuguesa* ... Coimbra (Imprensa da Universidade) 1924. Oct.
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Publ.: Dec 1924 (date on cover reprint), cover-t.p., p. [1]-27. *Copy*: B. – Reprinted and to be cited from Brotéria, Bot. 21(3): [142]-168. 1924.

10.191. *Líquenes de la Provincia de Pontevedra* ... Madrid, 1927. Oct.
Co-author: [Jaime] Luis Crespí (1889-?).
Publ.: Mar 1927 (in journal), p. [1]-17. *Copies*: Almborn, UPS; IDC 6445. – Reprinted and to be cited from Bol. r. Soc. españ. Hist. nat. 27: 136-151. 1927.

10.192. *Flora portuguesa* (2.a edição) ... Porto (Imprensa moderna, ...) 1946 [1947]. Oct. (*Fl. port.*).
Ed. 1: as *Man. fl. port.* 1909-1914, †, see above.
Ed. 2: 1947 (t.p. 1946), p. [793]: 28 Mai 1947 date of printing), p. [i]-xliii, [1]-792, [793], *pl. 1-13*. *Copies*: BR, M, MO, USD(2). – See also Sampaio, G., *Iconografia selecta da flora portuguesa*, 150 pl. Lisboa 1949 (1950).

Samuelsson, Gunnar (1885-1944), Swedish botanist; Dr. phil. Uppsala 1913; lecturer Uppsala 1913; curator Bot. Mus., Univ. Uppsala 1914-1919; professor and director of the botany department of the Stockholm Riksmuseum from 1924-1944. (*Sam.*).

HERBARIUM and TYPES: S; other material at B (extant), C, E, GB, GH, H, K, LD, NY. *Plantae Sueciae exsiccatae*, nos. 1-1617, set e.g. at H. *Hieracia scandinavica exsiccata* sets 1-6, at A, C, H, LD, S (with Karl Johansson, see TL-2/2: 447). – *Schedae* operis quod inscribitur G. Samuelsson ... *Plantae Sueciae exsiccatae*. edidit Eric Hultén ... Stockholm 1946.

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BIOFILE: Anon. Bot. Not. 1916: 127 (price), 1924: 311 ("intendent" riksmus.), 1932: 151 (trip to Palestine and Syria), 1936: 159 (trip Morocco, Algeria); Brit. Mus. gen. cat. print. books 212: 355. 1964; Österr. bot. Z. 73: 160. 1924 (app. Stockholm).
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(2) Co-author with K. Johansson, *Dalarn. Hierac. vulg.* 1923 and *Dalarn. hierac. silvat.* 1923, TL-2/3369-3370.
(3) Collaborator E. Hannig & H. Winkler, *Die Pflanzenareale*, ser. 1, 1926-1928, ser. 2, 1928-1930, ser. 3, 1931-1933 (author Ser. 3, Heft 8, p. 88-90, maps 73-75, *Alisma*).
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EPONYMY: *Samuelssonia* Urban et Ekman (1929).

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Publ.: 1913, cover-t.p.,p. [97]-188. *Copy*: B. – Reprinted and to be cited from Sv. bot. Tidskr. 7(2): 97-188. 1913 (printed 25 Jun 1913). – Preprinted as thesis, defended 19 Apr 1913, with loose t.p.

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3: 24 Apr 1922, p. [35]-59. – Id. 16(1): [35]-59. 1922.
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Copy: HH.

10.198. *Hieraciumfloran i Västmanland* ... Arkiv för Botanik band 16. N:o 14. [1921]. Oct. *Co-author*: Karl Johansson (1856-1928).
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Publ.: 1925, p. [1]-31, chart. *Copy*: U. – Issued as Sv. växtsoc. Sällsk. Handl. 9.

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Publ.: 1934 (copy BR rd. 11 Feb 1935; Nat. Nov. Apr 1935), p. [1]-211. *Copies*: BR, G, M, MO, NY. – Acta phytogeogr. suec. 6, 1934.

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Senior author: René Charles Joseph Ernst Maire (1878-1949).
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Publ.: 1943, p. [1]-159. *Copies*: FAS, U. – Issued as Acta phytogeographica suecica 16, 1943.

Samzelius, Abraham (1723-1773), Swedish clergyman and botanist; studied at Uppsala 1745; ordained 1752; stationed at Örebro and Bodarne, Närke. (*Samzelius*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: KR p. 617.

BIOFILE: Sven Junell, editor, A: S: H. [Abr. Samzelius Hardemoënsis] *Flora nericiensis*, Göteborg (Rundquists Boktryckeri) 1971, reproduction of 1758 manuscript with annotations. *Copy*: B. Peterson.
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Publ.: 1760 (p. [2] printed Imprimatur Upsala 1759 den 15 Dec. Carl Linnaeus, Decan.), p. [1]-84. *Copies*: Almborn, B. Peterson.

Sanborn, Ethel Ida (1883-1952), American botanist; born at Goodwin, S. Dakota; A.M. S. Dakota 1907; Dr. phil. Stanford 1928; high school teacher in S. Dakota 1904-1906, in Minnesota 1907-1909; curator herbarium University of Oregon 1914-1917; instructor in botany ib. 1918-1927; assist. professor 1928-1932; at Oregon State College [University] 1932-1933; assoc. professor 1933-1948. (*Sanborn*).

HERBARIUM and TYPES: OSC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 206; IH 1 (ed. 7): 342; SIA 7097.

BIOFILE: Anon., Amer. men sci. ed. 5. 969. 1933, ed. 6. 1230. 1938, ed. 7. 1540. 1944;

Amer. women 2: 598. 1937, 3: 788. 1939; Brit. Mus. gen. cat. print. books 212: 398. 1964.
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Publ.: Oct 1929, p. [3]-111, *pl. 1-5*. *Copies*: FH, G, H, MO, NY, PH. – Issued as Univ. Oregon Publ., Pl. Biol. Ser. 1(1). 1929.

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Publ.: 20 Jul 1935, p. [1]-28, *pl. 1-10* with text. *Copy*: USGS. – Later (15 Oct 1937) issued with papers by S.S. Potbury and H.D. MacGinitie in Eocene flora of Western America, Cont. Palaeontol., Carnegie Inst. Washington.

Sand, Austin Westman William (*fl.* 1926), American botanist at the Agricultural Experiment Station of Cornell University. (*Sand*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: MW p. 425.

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Sandahl, Oskar Theodor (1829-1894), Swedish physician, entomologist and botanist; studied at Uppsala 1847; Dr. med. Lund 1863; associated with the Karolinska Institute from 1852, as professor of pharmacology from 1873; also inspector of the pharmaceutical institute Stockholm from 1873. (*Sandahl*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 206; Bossert p. 347; KR p. 617-618 (b. 9 Nov 1829, d. 22 Jun 1894, bibl.); Morren ed. 10, p. 102; Rehder 5: 756, 757.

BIOFILE: Anon., Bot. Not. 1894: 179 (d.); Brit. Mus. gen. cat. print. books 212: 521. 1964.
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Sandberg, John Herman (1848-1917), Swedish-born American botanist, agronomist and forester; came to America in 1868; practicing physician at Jenkins and Minneapolis, Minnesota; field agent with USDA (Div. Bot.) 1892; collected widely in Minnesota (1885-1894), Idaho (1886-1892), Washington (1887-1893), Montana (1887, 1892-1893), Michigan 1889-1890, Wisconsin 1890. (*Sandberg*).

HERBARIUM and TYPES: US; further material in B (mainly destr.), BR, C, CAS, DS, E, F, GH, K, L, LA, LD, MICH, MIN, MSC, MO, NH, NY, NYS, OSC, OXF, PENN, PH, S, SI, STU, U, WTU (impt. set). – Field notes at US.

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EPONYMY: *Sandbergia* E.L. Greene (1911).

Sandberger, Karl [Carl] Ludwig Fridolin von (1826-1898), German (Nassau-Dillenburg) palaeontologist; Dr. phil. Giessen 1846; secr. Nassau. Ver. Naturk. 1849-1852; head of the Wiesbaden Natural History Museum 1852-1855; professor of geology at the Karlsruhe Polytechnic 1855-1863; professor of mineralogy and geology Würzburg 1863-1896; in retirement in München. (*K. Sandberger*).

HERBARIUM and TYPES: Fossil material at the "Naturhistorisches Museum" Wiesbaden (Schöndorf 1908).

BIBLIOGRAPHY and BIOGRAPHY: ADB 53: 701-702 (Rothpletz); AG 6(1): 196; Andrews p. 325; Barnhart 3: 206 (b. 22 Nov 1826, d. 11 Apr 1898); BM 4: 1799, 8: 1135; CSP 5: 389-390, 6: 752, 8: 824-826, 11: 274-276, 12: 698, 18: 431-433; LS 23611; Quenstedt p. 375.

BIOFILE: Anon., Ber. Senckenb. naturf. Ges. 1898: viii (obit., not.); Brit. Mus. gen. cat. print. books 212: 540. 1964; Encycl. brit. ed. 11. 137. 1911; Leopoldina 34(6): 112. 1898 (obit.); Nat. Nov. 20: 242. 1898 (d.); Nature 58: 16. 1898 (obit.); Science ser. 2. 7: 710. 1898 (obit.); Termész. Közl. 31: 707. 1899 (obit.); Verh. k.k. Geol. Reichsanst. 1898(8): 199-200 (obit.).
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ten Geognosie dieses Gebietes und mit steter Berücksichtigung analoger Schichten anderer Länder ... Wiesbaden (Kreidel & Niedner, ...) [1849-] 1850-1856. Qu. (*Verstein. rhein. Schichtensyst.*).

Senior author: Guido Sandberger (1821-1880), brother of K.L.F. Sandberger. – See Quenstedt p. 375 and Andrews p. 325.

Publ.: in 9 parts, 1849-1856, p. [i]-xiv, [xv-xix], [1]-564, *39 pl.*, map. *Copy*: PH. Mainly zoological. (Dates fide BM 4: 1799 and Richter 1954).

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1	1-40	*1-5*	1849
2	41-72	*6-8, 11, 12*	1850
3	73-104	*9,10,13*	1851
4	105-136	*14-18*	1852
5	137-168	*19-23*	1852
6	169-200	*24-28*	1854
7	201-232	*29-33*	1854
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Sande Lacoste, Cornelius Marinus van der (1815-1887), Dutch botanist (bryologist); Dr. med. Utrecht 1843; practicing physician at Amsterdam from 1843, dedicating himself, however, more and more to botany; co-founder of the Nederlandse Botanische Vereniging. (*Sande Lac.*).

HERBARIUM and TYPES: L (foreign material, other collectors), NBV (Dutch material); further material at C, G, GRO, H, U, WAG. – Letters to D.F.L. von Schlechtendal at HAL, to F.A.W. Miquel at U.

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BIOFILE: Anon., Bot. Centralbl. 29: 287. 1887 (d.); Bot. Not. 1888: 46 (d.); Bot. Zeit. 45: 79. 1887 (d.); Bull. Soc. bot. France 34 (bibl.): 46-47. 1887 (d.); Leopoldina 23: 55-56. 1887; Nat. Nov. 9: 61. 1887 (d.).
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(2) *Musci frondosi, in* F.A.W. Miquel, *Prolus. fl. Jap., Ann. Mus. lugd.-bot.* 180-188. Dec 1866, 373. 21 Nov 1867.

(3) Editor, with R.B. van den Bosch, of F. Dozy and J.H. Molkenboer, *Bryol. jav.*, vols. 1 (11-26), and 2; see TL-2/1512.
(4) Contributed data on cryptogams to P.M.E. Gevers Deynoot, *Fl. rheno-traj.* 1843, see TL-2/2007.
(5) Contributed to A.L. van Hasselt, *Bijdr. Fl. Midd.-Sumatra* 1884, see TL-2/2460.
(6) Contributed to F.A.W. Miquel et al., *Pl. jungh.* 1851-1857, see TL-2/6107.
(7) Dozy, F., *Plagiochila Sandei*, 1856 (TL-2/1513) contains several diagnoses of *Plagiochila* species contributed by v.d. Sande Lacoste.

HANDWRITING: Ann. bryol. 10: 137. 1937.

EPONYMY: *Sandea* S.O. Lindberg (1884); *Lacostea* van den Bosch (1861); *Lacosteopsis* (Prantl) Nakaike (1975); *Sandeothallus* R.M. Schuster (1982).

10.213. *Synopsis hepaticarum javanicarum*, adjectis quibusdam speciebus hepaticarum novis extra-javanicis. Partim descripsit iconibusque illustravit C.M. van der Sande Lacoste, ... Amstelaedami [Amsterdam] (C.G. van der Post) 1856 [1857]. Qu. (*Syn. hepat. jav.*).
Publ.: 1 Feb 1857 (t.p. dated 1856; see Vrolik, Versl. Meded. Kon. Akad. Wet. Nat. 5: 410. 1857), p. [i], [1]-112, *pl. 1-22* (uncol. liths. A.J. Kouwels). *Copies*: FI, G, L, MO, MO-Steere, NY, PH, U, USDA; IDC 7129. – Also published in Verh. Kon. Akad. Wet., Amsterdam 5: 1-112, *pl. 1-22*. 1857.
Ref.: Dozy, F. & F.A.W. Miquel, Versl. Meded. Kon. Akad. Wet., Amsterdam, Natuurk. 5: 47-50. 1857. – See also Vrolik, W., ib. p. 410.

10.214. *Species novae vel ineditae muscorum achipelagi indici*; Amstelodami [Amsterdam] (apud C.G. van der Post) 1872. Qu. (*Sp. nov. musc. ind.*).
Publ.: 1872, p. [i], [1]-12, *pl. 1-7* (uncol. liths. auct.). *Copies*: BR, FH, H, NY. – Reprinted or preprinted from Verh. Kon. Akad. Wet. 13: [1]-12. *pl. 1-7*. 1873.

10.215. *Overzicht der Mossoorten* welke in de provinciën van Nederland zijn waargenomen, gerangschikt van het Noorden des lands naar het Zuiden. [Overgedrukt Ned. kruidk. Arch. III, 1879]. Oct.
Publ.: 1879, p. [1]-12. *Copy*: U-V. Reprinted and to be cited from Ned. kruidk. Arch. ser. 2. 3: 163-174. 1879.

10.216. *Prodromus florae batavae*. Volumen II. Pars I. (Plantae cellulares. Musci frondosi et hepaticae). Editio altera. *Nieuwe lijst der Nederlandsche Blad en Levermossen*, uitgegeven door de Nederlandsche Botanische Vereeniging. Nijmegen (F.E. Macdonald) 1893. Oct. (*Nieuwe lijst Ned. Blad-Leverm.*).
Publ.: 1893 (p. vii: Jul 1893), p. [i]-vii, [viii], [1]-190, [1]-6. *Copy*: BR. – For first edition of this *Prodromus* see TL-2/679, (in 2(1)). Edited, posthumously, by Th.H.A.J. Abeleven. – Preceded by an *Overzicht der Mossoorten*, Ned. kruidk. Arch. ser. 2. 3: 163-173. 1879 and *Overzicht der Levermossen*, ib. ser. 2. 3: 305-308. 1881.

Sandéen, Peter Fredrik (1839-1868), Swedish botanist; amanuensis at the Botanical Museum, Lund, 1858; Dr. phil. Lund 1865; "adjunkt" at schools in Lund (1864) and Karlskrona (1865). (*Sandéen*).

HERBARIUM and TYPES: Sandéen did not describe any new taxa; his herbarium went to the Grammar school of Karlskrona and is now at LD (inf. O. Almborn); further material at F.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 206; BM 4: 1799-1800; KR p. 618-619 (b. 22 Sep 1839, d. 4 Apr 1869); PR 8023-8024; Rehder 2: 184.

BIOFILE: Scheutz, N.J., Bot. Not. 1868: 46-47 (obit. not.; d. 4 Apr 1868, not 1869 as in Krok).
Wittrock, V.B., Acta Horti Berg. 3(3): 51, *pl. 114*. 1905.

10.217. *Morphologiska iakttagelser* öfver bladknopparne hos några Polygoneae. Akademisk

Afhandling, som med tillstånd af vidtberömda Philosophiska Faculteten i Lund för philosophiska gradens vinnande till offentlig granskning framställes af P.Fr. Sandéen, ... å auditoriet n:o 1, lördagen den 27 Maj 1865, kl. 8 f.m. Lund (tryckt uti Berlingska boktryckeriet) 1865. Oct. (*Morph. iakttag.*).
Publ.: 1-27 Mai 1865, p. [i], [1]-29, [30-32], *pl. 1-2. Copies*: C, H, LD, NSUB.
Journal issue, in Lund Univ. Årsskr. [Fysiogr. Sällsk. Handl.] 1: IV.1-IV.29, [30-32], IV, *pl. 1-2.* 1865 (printed circa 1 Mai 1865, O. Almborn).

10.218. *Om individualiteten hos de högre växterna.* Ett bidrag till läran om naturens enhet i mångfald ... (Aftryck ur Inbjudningsskr. t. bevist. af års-exameu) [sic] 1867 vid Carlskrona H. El. Lärov.). Carlskrona (Alfred Hallén) 1867. Qu. (*Individualit. högre växt.*).
Publ.: Jun 1867, p. [i*], [i]-xxvii. *Copies*: C, H, LD, MO, NY, Peterson. – Note by O. Almborn: "On individuality in higher plants. A contribution to the doctrine of the unity of nature in manifoldness". S. was a student of J.G. Agardh whose fundamental work *Theoria systematis plantarum* (1858) is often quoted. S.'s final words are a quotation from E. Fries, Botaniska utflygter (1853): "the whole creation is a continuous whole predestinated by an infinite wisdom to reach higher and higher development" (transl.). Darwin is not mentioned. – The pamphlet is a reprint from the invitation to attend the 1867 annual examination at the Karlskrona Grammar School. Date of publication: probably Jun 1867, the usual time for the annual examination.

Sander, [Henry] Frederick [Conrad] [baptized Heinrich Friedrich Conrad] (1847-1920), German (Bremen) horticulturist and orchidologist; to England 1865, working in nurseries at Forest Hill; independent seedsman from 1874, associated with B. Roezl; at St. Albans 1881, established an orchid nusery at Summit, New Jersey (sold 1896) and one at St. André, Bruges, Belgium 1894; outstanding grower, hybridizer and introducer of orchids. (*Sander*).

HERBARIUM and TYPES: Culivated orchids (1881-1899) from "Sander & Co." at K. – Letters at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 207; BM 4: 1800; Desmond p. 541 (b. 1847, d. 23 Dec 1920); GF p. 75; Hortus 3: 1196, 1203; Lenley p. 440; NI 1722; Zander ed. 10, p. 672, 710, ed. 11, p. 810-811 (b. 4 Mar 1847).

BIOFILE: Anon., Hort. Trade J. 29 Dec 1920, [1] p. (obit.); J. Hort. Cottage Gard. 22: 449, 551. 1891 (obit.); Orch. Rev. 29: 45-50. 1921 (obit., portr.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 269.313. 1980.
Jackson, B.D., Proc. Linn. Soc. 133: 54-55. 1921 (obit.).
Montefusco, M., Amer. Orch. Soc. Bull. 1981 (Mai): 541-546. (... Reichenbachia, a Victorian masterpiece).
Reinikka, M.A., Amer. Orch. Soc. Bull. 34: 329. 1965 (on H.G. Moon, the artist of Reichenbachia); A history of the orchid 1972, 260-263 (portr., biogr. sketch).
Stearn, W.T., Royal Hort. soc. Exhib. manuscr. books 49. 1954 (Reichenbachia).
Swinson, A., Frederick Sander, the Orchid king, London 1970, 252 p. (biogr.), see also Orch. Rev. 78: 129, 159-160, 298-304. 1970.
Watson, W., Gard. Chron. 1921(1): 12 (obit., portr.); Bull. misc. Inf. Kew 1921: 33.
Wittrock, V.B., Acta Horti Berg. 3(2): 97. 1903, 3(3): 82. 1905.

NOTE: Charles Fearnley Sander (1874-1957) and Frederick K. Sander (1876-1951) were associated with their father in "Sander and Sons". C.F. Sander was largely responsible for the Bruges establishment 1920-1934; F.K. Sander was director of "Messrs Sander's Orchid nurseries, St. Albans" 1946. He published the first post-W.W.II *Complete List of Orchid hybrids*, 1946 (see Desmond p. 541). – H.F.C. Sander's wife, Eliza Sander, is recognized in *Nicotiana sanderae* Hort. Sand.

EPONYMY: *Sanderella* O. Kuntze (1891).

10.219. *Reichenbachia.* Orchids illustrated and described by F. Sander with the assistance

of scientific authority. St. Albans (F. Sander & Co., ...) London, Berlin, Paris, New York [1886] 1887-1890, 2 vols. Broadsheet.
Publ.: in 48 parts of 4 pl. Mai 1886-Jan 1891, second series Feb 1891-Mar 1895. *Copies*: BR, MO, NY (imperial ed.), U (imperial ed.).
Series 1, 1: [i-ix], [1]-110, *pl. 1-48* (colour-printed liths. by H.G. Moon, some by W.H. Fitch and A.H. Lock.
2: [i-vii], [1]-106, *pl. 49-96* (id.).
Series 2, 1: [i*-viii*], [i]-iii (obit. Reichenbach), [1]-104, *pl. 1-48* (id.).
2: [i-viii], [1]-114, *pl. 49-96*.
Note: the "imperial edition" has the text bound separately and the plates in boxes.
Ref.: Baker, R.W., Amer. Orch. Soc. Bull. 9: 317-320. 1941.
Montefusco, M., Amer. Orch. Soc. Bull. 1981 (Mai): 541-546.

10.220. *Sander's orchid guide*, containing all the best known species, varieties, and hybrids of orchids in cultivation. Their native countries, descriptions, seasons of flowering, best methods of cultivation, temperatures, etc. Together with the names and parentages of all the known hybrid orchids up to date, January 1st, 1901. F. Sander & Co., St. Albans [1901]. Oct. (*Sander's Orch. guide*).
Ed.[1]: 1901 (date on cover), p. [1]-330, [331, corr.]. *Copies*: DBN, HH, LC, LD, NY.
Ed. [2]: 1903 (addenda 1901-1903 on p. 331-359; mentioned by Bot. Centralbl. as a new edition, St. Albans 1903, 330 and 80 [sic] p.), p. [1]-359, [361, 363 err.]. *Copies*: BR, DBN, HH, ILL, MO(2), NSW. – Contains the text of the first edition, additions to this text on p. 331-359; corrections to this latter part on p. [361] and corrections to ed. 1 on p. [363].
Reissue: 1904, p. [1]-359, [360-363]. *Copies*: MO, NY.
Reissue (partial): Mai 1906 (Nat. Nov. Jun(2) 1906), p. [1]-256, [1, corr.]. *Copies*: BR, DBN, HH, NY, USDA. – A reissue of ed. 1 without the supplements which are now published separately as *Orchid hybrids*.
Revised ed.: 1927 (t.p.), p. [i-vi], [1]-451, frontisp. portr., H.F.C. Sander. *Copies*: DBN, USDA. – "Revised (1927) edition ... printed in Belgium" St. Albans (Sanders). – Issued by C.F., F.K. and L.C. Sanders.

10.221. *Orchid hybrids*. Sander's complete up-to-date list, containing the names and parentages of all the known hybrid orchids, whether introduced or artificially raised. Arranged in tabular, alphabetical form, so that all hybrids, derived from each species or hybrid, may be ascertained at a glance. Concise, reliable, and indispensable to the amateur, the expert, and anyone who wishes to know all about the whole of the hybrid orchids known to exist. Price 7/6. Sander & Sons, St. Albans. All rights, reserved [1906]. Oct. (*Orch. hybr.*).
Publ.: Mai 1906 (Nat. Nov. Jun(2) 1906), p. [i, iii], [1]-125. *Copy*: BR.
Other issue: 1913 (?; undated copy BR rd 18 Jun 1913), p. [i, iii], [1]-123, [125, err.]. *Copies*: BR, USDA. - "price 12/6".
New ed.: 1915 (p. vii: 27 Jul 1915), p. [i-viii], 1-158. *Copy*: USDA. – "price 21/-".
Ed. 3: 1921 (preface Jan 1921; ÖbZ Nov-Dec 1921; Nat. Nov. Dec 1921), p. [i-xii], [1]-225. *Copy*: USDA. – "price 45/-".
Ed. 3 second volume 1921-1930: 1931 (pref. Jan 1931), p. [i-viii], [227]-373. *Copy*: USDA. – "price, post free, 1 11s. 6d".
Addenda to Sanders' [sic] *list of Orchid hybrids 1915-1916*. Sanders, St. Albans, 1917 (p. 2: 31 Jan 1917), p. [1]-36. *Copy*: USDA.
Addenda to Sanders [sic] *list of Orchid hybrids to September 1921*, s.l.n.d., p. [1]-18, printed at Antwerpen (Chs. Geo. Kohler ...). *Copy*: USDA.
Addenda to Sanders' [sic] *list of Orchid hybrids 1921-1922-1923*. Printed in Belgium, Antwerpen (Chs. Geo. Kohler ...) s.d., p. [i-iii], 226-281. Pagination continued from that of *Orch. hybr.* ed. 3, vol. 1, 1921. *Copy*: USDA.
Second addenda to Sanders' [sic] *list of Orchid hybrids 1924-1925-1926*. Printed in Belgium. Antwerpen (by Chs. Geo. Kohler ...) s.d., p. [1]-51. *Copy*: USDA.
Note: the publication of Sander's list of Orchid hybrids was continued after ed. 3. Our material is, however, too incomplete to be listed here.

Sanderson, Arthur Rufus (1877-1932), English plant pathologist with the Rubber

Growers' Association, Malaya; later at the Rubber Research Institute, 1918-1931. (*A. Sanderson*).

HERBARIUM and TYPES: SING.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 207; Desmond 541 (d. 25 Dec 1932); Kelly p. 205; LS suppl. 24046-24051; SK 1: 459.

BIOFILE: Bisby, G.R., Trans. brit. mycol. Soc. 50-75 ind. 1896-1946: 21. 1952.
Blackwell, E.M., Naturalist 877: 65. 1961.
Cheetham, C.A., Naturalist 917: 127-128. 1933 (obit.).
Lister, G., Proc. Linn. Soc. London. 13(5): 200-201. 1933 (obit.).
Steenis-Krusemann, M.J. van, Fl. males. Bull. 31: 3003-3004. 1978.

Sanderson, John (1820/21-1881), Scottish journalist, trader, botanical collector and horticulturist; to Durban, S. Afr., 1850; active in the Horticultural Society of Natal; secretary of the "Natal Times" Company 1851. (*J. Sanderson*).

HERBARIUM and TYPES: Material at DBN, K, NH, S, SAM, TCD. – Notebook at PRE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 207; BB p. 268; BM 4: 1800; Desmond p. 541; NI 807; PR alph.

BIOFILE: Anon., Bot. Centralbl. 7: 160. 1881 (d.); Bot. Gaz. 6: 232. 1881 (d.); Nat. Nov. 3: 135. 1881 (d.).
Bayer, A.W., S. Afr. J. Sci. 67: 404. 1971.
Gunn, M. & L.E. Codd, Bot. expl. S. Afr. 71, 307-308. 1981.
Harvey, W.H., *in* W.H. Harvey & O.W. Sonder, Fl. cap. 1: ix. 1894 (sent collections from Natal and Transvaal "containing many new genera and species").
Hooker, W.J., Curtis's Bot. Mag. 79: text to pl. 4716. 1853.
White, A. & B.L. Sloane, The Stapelieae ed. 2 102, 360. 1937.
Sanderson, J., J.R. Geogr. Soc. 30: 233-255. 1860 (account trip 1851-1852).

COMPOSITE WORKS: *Rough notes on the botany of Natal* kindly supplied by John Sanderson, ... *in* J. Chapman, *Travels in the interior of South Africa* 2: [443]-463. 1858; on p. 438-440 *Notes on trees ... of the Zambesi*, and on p. 441-442, *The Baobab*, presumably also by Sanderson. The *List of Natal trees* on p. 464-465 is by J.C. Brown.

EPONYMY: *Sandersonia* W.J. Hooker (1853). *Note*: *Sandersoniomyces* Benjamin (1968) honors M.W. Sanderson, American entomologist.

Sandford, E. (*fl.* 1882), British gardener at Dale Park. (*Sandford*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1800; MW p. 425.

10.222. *A manual of exotic ferns* & Selaginella comprising descriptions of over one thousand species and varieties, and upwards of six hundred synonyms; also notes on their history, culture, & management ... London (H.J. Infield, ...) [1882]. Oct. (*Man. exot. ferns*).
Publ.: 1882 (Bot. Zeit. 15-19 Jan 1883; Bot. Zeit. 23 Feb 1883; Nat. Nov. Jan(2) 1883), p. [1]-286. *Copies*: MO, USDA.
Re-issue: Nov 1894, n.v. (J. Bot. Nov 1894; Bot. Centralbl. 6 Dec 1894; Bot. Zeit. 16 Mar 1895; Hedwigia 15 Feb 1895; Nat. Nov. Nov 1894).
Note: "In this little work there is no pretence of the priority of any names, as that is open to such conflict among authorities; ..." See J. Britten, J. Bot. 32: 350-351. 1894 for a – very critical – review.

Sandi, Alessandro Francesco (1794-1849), Italian botanist and practicing physician at Beluno. (*Sandi*).

HERBARIUM and TYPES: Saccardo (2: 96) states that the herbarium was at the Liceo Tiziano at Belluno by 1867; it is described in some critical detail by Minio (1912).

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 416, 713; PR 8026, ed. 1: 8986; Rehder 1: 426; Saccardo 1: 145, 2: 96, cron. p. xxxii.

BIOFILE: Minio, M., Nuovo Giorn. bot. ital. ser. 2. 19: 349-388. 1912 (description of herbarium).
Saccardo, P.A., Storia lett. fl. ven. somm. 111-112. 1869.

10.223. *Enumeratio stirpium plantarum phanerogamarum agri belunensis* quas hucusque patrio municipio cohortante conlegit A.F. Sandi ... Beluni [Belluno] (apud F. Deliberali typographeum) 1837. Qu. (*Enum. stirp. belun.*).
Publ.: 1837, p. [1]-30. *Copy*: G. – Rare; Minio (1912) states that the author tried to suppress the distribution soon after publication. Unannotated list.
Ref.: Minio, M., Nuov. Giorn. bot. ital. ser. 2. 19: 353. 1912.

Sandifort, Gerard (1779-1848), Dutch botanist and physician; prosector and adjunct to his father, the professor of anatomy at the Leiden University 1799; Dr. med. ib. 1801; honorary professor of anatomy 1801, ord. professor id. 1812, re-affirmed by the Dutch government in 1815; in charge of the Leiden Botanical Garden 1819-1822. (*Sandif.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Aa 17: 86; BM 4: 1800; CSP 5: 392-393; Herder p. 152; Jackson p. 441; JW 1: 447, 2: 200, 3: 367, 4: 404 (biogr. refs.); NNBW 3: 1122-1124 (b. 31 Jan 1779, d. 11 Mai 1848; by Simon Thomas; provides further biogr. refs.); PR 8027.

BIOFILE: Anon., Alg. Konst. Letterb. 1840: 279; Cat. gén. livr. Bibl. natl. 162: 635-636. 1941.
Breure, A.S.H. & J.G. de Bruyn, eds., Leven en werken van J.G.S. van Breda 52.417. 1979.
Calisen, A.C.P., Med. Schriftst.-Lex. Aerzte 32: 90 (n.v.).
Kuijlen, J. et al., Paradisus batavus 153, 198. 1983.
Steenis-Krusemann, M.L. van, *in* R.J. Forbes, ed., Mart. v. Marum 3: 142, 161. 1971.
Suringar, G.C.B., Mem. Gerardi Sandifort 1848.
Veendorp, H. & L.G.M. Baas Becking, Hort. acad. lugd.-bot. 141-143. 1938.

10.224. *Elenchus plantarum quae in horto lugduno-batavo coluntur.* Lugduni-Batavorum (apud H.W. Hazenberg, ...) 1822. Oct. (in fours). (*Elench. pl. hort. lugd.-bot.*).
Publ.: Oct-Dec 1822 (p. viii: 10 Oct 1822), p. [i-viii], [1]-92. *Copies*: HH, U. – Preceded by S.J. Brugmans, *Elench. pl.* 1818 (TL-2/847). – Attribution to Sandifort by Veendorp & Baas Becking (1938, p. 141-142, 293).

Sandstede, [Johann] Heinrich (1859-1951), German (Oldenburg) botanist; trained as a baker in his father's bakery which he took over and managed until 1912; from then on in retirement dedicating himself part of the time to lichenology; Dr. phil. h.c. Univ. Münster 1930. (*Sandst.*).

HERBARIUM and TYPES: B (rd 1931; Cladonia mainly destroyed), BREM (extant), BRNU (fide GR, retained as war booty); further material at E, GFW, H, LD, W, WA; also many lichens at Oldenburg, Staatliches Museum. – *Cladoniae exsiccatae*, 1918-1929, 13 fasc., 1886 nos., 52 sets (fasc. 1, nos. 1-123. Jun 1918, fasc. 2, nos. 124-248. Aug 1918; see Sayre 1969). – Sets at AMD, B (in part extant), BP, BREM, BRNU, DR, DUKE, FH, FR, G, GOET, H, HBG, KIEL, LD, LDS, M, MICH, NY, O, PC, PRC, S, STU, TUR, UP S, W, WELC, WTU, WVA. – See Sandstede, *Cladoniae exsiccatae*, *Berichtigte Uebersicht* Juli 1930, Westerstede, for a list of taxa (below).

NOTE: Grummann (p. 42-43) notes that Sandstede's herbarium was transported to Czechoslovakia during World War II; it was confiscated in 1945 and is now said to be at BRNU. We have no confirmation of this situation. The rich material at BREM, however, is extant; that received by B in 1931 is mainly destroyed.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 208 (b. 20 Mar 1859); Biol.-Dokum. 15: 7840-7841; BJI 2: 152; Bossert p. 347; Christiansen p. 319 [index]; CSP 18: 437; GR p. 42-43, *pl. 16*; GR, cat. 71; Hawksworth p. 185; IH 1 (ed. 6): 364, (ed. 7): 342, 2: (files); LS 23633-23647, suppl. 24059-24073; MW p. 425, suppl. p. 300; SBC p. 131; Stevenson p. 1256; TL-2/869, see G. Lettau; Urban-Berl. p. 290.

BIOFILE: Abbayes, H. des, Rev. bryol. lichénol. 20: 221. 1951 (obit.; d. 28 Feb 1951).
Anon., Hedwigia 70: (74). 1930 (Dr. h.c. Münster).
Asahina, Y., J. Jap. Bot. 26: 351-352. 1951 (portr.).
B., Bot. Zeit. 55: 60. 1897 (Oldenburg Ehrenkreuz i. Kl.).
Hawksworth, D.L. & M.R.D. Seaward, Lichenol. Brit. Isl. 146. 1977.
Hertel, H., Mitt. Bot. München 16: 427. 1980 (lich. M).
Klement, O., Beitr. Naturk. Niedersachs. 4: 91-95. 1951 (obit.); Ber. bayer. bot. Ges. 29: 102. 1952 (obit.).
Koppe, F., Abh. Naturw. Ver. Bremen 36: 240, 256. 1964.
Llano, G.A., Mycologia 64(5): 709-715. 1952 (obit., portr., bibl.).
Laundon, J.R., Lichenologist 11(1): 16. 1979 (herb. at BREM and B (destr.)).
Mattick, F., Repert. sp. nov. regn. veg. Beih. 111: 153-155. 1938 (tribute 80th birthday); Willdenowia 1: 191-197. 1954 (biogr., portr., bibl.).
Sandstede, H., Glückhafte Jugend, Kindheitserlebnisse a.d. Zeit vor 80 Jahren. Beibl. Nordwest-Zeit. Sylvester (n.v., see GR p. 43).
Sayre, G., Mem. New York Bot. Gard. 19(1): 161-162. 1969 (exsicc.).
Schulz-Korth, K., Repert. sp. nov. regn. Beih. 61: 181-182. 1930 (Dr. h.c. Univ. Münster, tribute; portr.).
Steilen, D., Neu. Arch. Niedersachsen 21: 62-65. 1951 (n.v.; bibl.); Niedersächsische Lebensbilder 3: 255-264. 1957 (main biogr., portr.).
Verdoorn, F., ed., Chron. bot. 1: 130, 135. 1935, 6: 238. 1935.
Wagenitz, G., Index coll. princ. herb. Gott. 142. 1982.

COMPOSITE WORKS: *Cladoniaceae* i-iii, *in* E. Hannig & H. Winkler, eds., *Die Pflanzenareale* 3(6): 63-71, maps 51-60. 1932, 4(7): 83-92, maps 61-70. 1938, 4(8): 93-102, maps 71-80. 1939.

10.224a. *Die Flechten des nordwestdeutschen Tieflandes* und der deutschen Nordseeinseln. Bremen. Vereinigte Druckereien Illing & Lüken 1912. Oct.
Publ.: early 1912 (preface dated 1 Jul 1911), cover-t.p., p. [9]-243. *Copy*: Almborn. – Issued and to be cited as Abh. Nat. Ver. Bremen Bd. 21(1). 1912.
Suppl. (*Nachträge*): Abh. Nat. Ver. Bremen 25: 244-246. 1922.
Suppl. (*Bemerkungen*): Veröff. Mus. Bremen Reihe A(1): 5-40. 1949.

10.225. Sandstede, *Cladoniae exsiccatae. Berichtigte Uebersicht* Juli 1930 ... Westerstede (Druck von Eberhard Ries) 1930. Oct. (*Clad. exsicc. Uebers.*).
Publ.: Jul 1930, cover-t.p., p. [1]-63, [65-67]. *Copies*: Almborn, G, NY. – Lists the Cladoniae exsiccatae, fasc. 1-13, nos. 1-1886, with dates.
Nachträge: 5 Mai 1932, 4 p. Zwischenahn. Privatdruck (n.v.). *Copy*: Almborn.
Ref.: Christiansen, W. & W., Bot. Schriftt. Schlesw. Holst. 199. 1936 ("Einzig dastehendes Exsiccatenwerk ...").

10.226. *Die Gattung Cladonia* ... Leipzig (Akademische Verlagsgesellschaft m.b.H.) 1931. Oct. (*Cladonia*).
Publ.: Jan-Mar 1931 (p. [iv]), p. [ii-v], [1]-531, *pl. 1-34*. *Copies*: Almborn, BR, G, Stevenson, U, USDA. – Alternative t.p.: Dr. L. Rabenhorst's *Kryptogamen-Flora* von Deutschland, Österreich und der Schweiz zweite, vollständig neu bearbeitete Auflage. Neunter Band *Die Flechten* (Lichenes) ... IV. Abteilung 2. Hälfte. "*Die Gattung Cladonia*".

1: Jan 1931, p. [1]-240.
2: Mar 1931, p. [ii-v], 241-531, *pl. 1-34*.
Ref.: Diels, L., Bot. Jahrb. 66 (Lit.): 8-9. 1934 (rev.).

10.227. *Ergänzungen zu Wainio's Monographia "Cladoniarum universalis"* unter besonderer Berücksichtigung des Verhaltens der Cladonien zu Asahina's Diaminprobe ... Dahlem bei Berlin (Fabeckstr. 49) 1938. Oct. Note: "3 Hurrahs für Asahina!" (*Ergänz. Wainio Monogr.*).
Publ.: 15 Dec 1938, p. [i-iv], 1-103, *pl. 1-16* (not 17). *Copies*: Almborn, Stevenson, U. – Repert. sp. nov. regn. veg. Beih. 103. 1938.

Sandu-Ville, Costantin (*fl.* 1929), Roumanian botanist. (*Sandu*).

HERBARIUM and TYPES: BUCM, IBIR; other material at C.

BIBLIOGRAPHY and BIOGRAPHY: IH 1 (ed. 6): 364, (ed. 7): 342; Stevenson p. 1256.

10.228. *Die Erysiphaceen Rumäniens* ... Bucuresti (Tipografia "Bucovina" ...) 1929. Oct.
Co-author: Trajan Savulescu (1889-1963).
Publ.: 1929, p. [3]-82, chart, *pl. 1-24*. *Copies*: G, USDA. – Reprinted from Ann. Sci. Acad. hautes Ét. agron. Bucarest 1: 3-82, *pl. 1-24*. 1929. See also C. Sandu-Ville, Beitr. Kenntn. Erysiphaceen Rumäniens, 1936, 76 p. (Acad. Rom. Mem. Sect. Stiint.). – Definitive publ.: Ciupercile Erysiphaceae din România, Bucuresti 1967, 358 p.

Sandwith, Mrs. Cecil Ivry (1871-1961), English botanist; collected plants in Northern Rhodesia 1929; floristically active in the Bristol area from 1909. (*C.I. Sandw.*).

HERBARIUM and TYPES: BRIST (British adventives, K (Rhodesia 1929), SRGH (Rhodesia); other material at BM (Rhodesia), BRISTM, NMW (England), U (England).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 241, 242, 713; IH 1 (ed. 6): 364, (ed. 7): 342, 2: (in files).

BIOFILE: Exell, A.W. & G.A. Hayes, Kirkia 6(1): 100. 1967.
Kent, D.H., Brit. herb. 77. 1957.
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Sandwith, N.Y., Proc. Bristol Natural. Soc. 30(2): 103-106. 1961 (obit.).
White, F., C.R. AETFAT 4: 189. 1962 (coll. Chilanga, N. Rhodesia 1929, 394 nos.).

Sandwith, Noel Yvri (1901-1965), English botanist; Keble Coll. Oxford BA 1926, MA 1929; at Royal Botanic Gardens Kew 1924-1965; collected in British Guyana 1929 and 1937; travelled in Albania, North Africa and South America; son of Mrs. C.I. Sandwith; specialist on Bignoniaceae; enthusiastic host at Kew for all younger botanical workers on the flora of tropical South America. (*Sandw.*).

HERBARIUM and TYPES: BRISTM (adventive flora Bristol area), BRIST, K (types and South American collections); further material at B (p.p. extant), BM (orig. Macedonia 1932; Albania 1933, 1935), CGE (S. Spain), F, FDG, G, GH, L, LE, MO, NY, OXF, P, S, U, US, W. – Correspondence at K; letters from him e.g. in I.A.P.T. archives.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 208 (b. 8 Sep 1901); BJI 2: 152; BL 1: 261, 316, 2: 241, 242, 713; Bossert p. 347; Clokie p. 237; Desmond p. 542 (d. 7 Mai 1965); Hortus 3: 1203; IH 1 (ed. 1): 49, (ed. 2): 66, 74, (ed. 3): 81, 94, (ed. 4): 87, 103, (ed. 5): 89, 107, (ed. 6): 364, (ed. 7): 342, 2: (files); Kew 4: 588-590; Langman p. 671; NI no. 954, 3: 41, 58; Roon p. 99; TL-2/see A.H.G. Alston; Tucker 3: 267; Zander ed. 10, p. 710, ed. 11, p. 811.

BIOFILE: Anon., Bull. misc. Inf. Kew 1929: 139 (temporary asst., Kew), 1929: 237-238

(with Oxford Univ. Exp. Brit. Guyana), 1934, 39 (appointed "botanist" Kew); Darwiniana 14(1): 249. 1966 (d.).
Ballard, F., J. Kew Guild 8: 710-711. 1967 (obit., portr.).
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Verdoorn, F., ed., Chron. bot. 1: 166, 167, 171. 1935, 2: 185, 187, 188, 237. 1936, 3: 112, 161. 1937, 4: 225, 274. 1938, 5: 175, 176, 309, 371, 372. 1939, 6: 93, 304, 417. 1941.
Willis, A.J., Proc. Bristol Natural. Soc. 31(2): 128-130. 1966 (obit.).

COMPOSITE WORKS: (1) *Bignoniáceas* por N.Y. Sandwith e D.R. Hunt, *in* R. Reitz, *Flora ilustrada catarinense* 1, 1974, 172 p., publ. 10 Dec 1974.
(2) For further papers and contributions to floras and series see the bibliography by J.P.M. Brenan (1966); q.v. also for a complete list of Sandwith's *Contributions to the flora of Tropical America* nos. 1 (1930)-75 (1965).
(3) *Bignoniaceae*, 164 texts *in* E.R. Farr et al., *Index nominum genericorum* 1979.

EPONYMY: *Sandwithia* Lanjouw (1932); *Sandwithiodoxa* Aubréville et Pellegrin (1961).

10.229. *Species minus cognitae* a N.Y. Sandwith descriptae ... Hooker's Icones plantarum tt. 3147-3150. 1930. Oct.
Publ.: 1930, cover-t.p., *pl. 3147-3150.* with text. *Copy*: G. – Reprinted and to be cited from Icon. pl. ser. 5. 32: *pl. 3147-3150.* 1930.

10.230. *Notes on tropical American Bignoniaceae* ... Mededeelingen van het Botanisch Museum ... Utrecht ... 1937. Oct.
Publ.: Nov 1937, p. 205-232. *Copies*: FAS, U. – Reprinted and to be cited from Rec. Trav. bot. néerl. 43: 205-232. 1937. Also issued (later) as Meded. Bot. Mus. Utrecht no. 40.

10.231. *Bignoniaceae* ... Amsterdam (Printed by J.H. de Bussy Ltd.) 1938. Oct.
Publ.: Jul 1938, cover-t.p., p. 1-86. *Copy*: FAS. – Reprinted and to be cited from A. Pulle, Fl. Suriname 4(2): 1-86. 1938.

10.231a. *Notes on tropical American Bignoniaceae* ... Extrait du Recueil des Travaux botaniques néerlandais ..., 1937. Oct.
Publ.: Jun 1937 (date on inside cover reprint), cover-t.p., p. [205]-232. *Copy*: FAS. – Reprinted and to be cited from Rec. Trav. bot. néerl. 34: [205]-232. 1937.

10.232. *New species of Coccolobis from Antigua* ... Extracted from the Journal of Botany, ... 1940. Oct.
Publ.: Apr 1940, p. [96]-100. *Copy*: FAS. – Reprinted and to be cited from J. Bot. 78: [96]-100. 1940.

San Georgio, Anna di née Harley (1803-1874), British-born Italian botanist at Florence. (*A. San Georgio*).

HERBARIUM and TYPES: Unknown.

NOTE: According to Carolina Lemon, daughter of Anna i San Georgio, the latter was born as a daughter of "Lord Edoardo Oxford e da Giovanna Scott", obviously British parents. Her father's name must have been Harley before his ennoblement. Her hus-

band was Giovanni Battista Rabitti, later comte di San-Georgio (see Saccardo 1: 226-227 and 2: 96).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 209 (b. 31 Jul 1803, d. 18 Mai 1874); BB p. 269; BM 4: 1797; Jackson p. 9; Rehder 1: 72; Saccardo 1: 145, 226-227, 2: 90.

BIOFILE: Anon., J. Bot. 12: 256. 1874 (d.).

10.233. *Catalogo poliglotto delle piante* compilato dalla contessa di San Georgio. Firenze (Stabilimento di Giuseppe Pellas) 1870. Oct. (*Cat. poligl. piante*).
Publ.: 1870, p. [1]-2, [i-iv, list authors, symbols], 3-747. *Copies*: FI, NY, USDA. – Latin versus Engl., Fr., Ital., Span., Germ., Sanskr., Beng., Hindust., Teling., Tamul, with converse indexes.
Ref.: Britten, J, J. Bot. 11: 280-283. 1873 (rev.).

San Giorgio (Sangiorgio), **Paolo** (1748-1816), Italian botanist and chemist; demonstrator for chemistry at the Ospedale maggiore, Milano; in exile 1798-1806; subsequently teacher of natural history in Milano. (*San Giorgio*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1797; PR 8028-8029, ed. 1: 8131, 8987-8990; Rehder 5: 757; Saccardo 1: 145, 2: 96.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 212: 772-773. 1964.
Hoppe, D.H., Flora 3 (Beil. 1/2): 26. 1820 (list bot. publ.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1171. 1898 (bibl., d. 26 Oct 1816).

10.234. *Elementi di botanica* compilato ad uso delle universita' e dei licei del regno d'Italia ... Milano (Dalla Tipografia di Franceso Sonzogno ...) 1808. Oct. (*Elem. bot.*).
Publ.: 1808, p. [i-iii], 1-484, [1, err.], *pl. 1-10* w.t. and [*11-13*] (uncol. liths.). *Copies*: FI, G.

10.235. *Istoria delle piante medicale* e delle loro parti e prodotti conosciuti sotto il nome di droghe officinali ... Milano (Presso Pirotta e Maspero ...) 1809-1810, 4 vols. Oct. (*Ist. piante med.*).
1: 1809 (p. 8: 1 Jun 1809), p. [1]-391.
2: 1809, p. [i]-xliv, 393-732, *1 pl.*
3: 1810, p. [i]-lxiv, 733-1087.
4: 1810, p. [i-iv], 1089-1439.
Copies: FI, NY.

Sanguinetti, Pietro (1802-1868), Italian botanist; director of the botanical garden in Rome 1851-1855 and professor of botany at the Sapienza 1851-1868. (*Sanguinetti*).

HERBARIUM and TYPES: RO (Saccardo; see also Sr., Flora 1869); other material at P. – *Letters* to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 209 (b. 31 Mar 1802, d. 25 Jul 1868); Bl 2: 358, 713; BM 4: 1801; Bossert p. 348; CSP 5: 396, 8: 828; Herder p. 179; IH 1 (ed. 7): 342; Jackson 321; Kew 4: 591; Lasègue p. 342; LS 23663; PR 8030-8031, ed. 1: 8991; Rehder 1: 426, 427; Saccardo 1: 145, 227, 2: 96-97, cron. p. xxxii; Tucker 1: 621, 2: xxxiv.

BIOFILE: Anon., Bonplandia 1: 66 (Fl. rom. nearly finished), 93 (resigns directorship bot. gard., retains professorship), 167, 242. 1853; Bot. Zeit. 10: 353. 1852 (app. Roma), 26: 591. 1868 (d.); Flora 36: 32. 1852 (app. Roma); Flora 46: 333. 1863, 51: 535. 1868 (d.); Österr. bot. Z. 18: 333. 1868 (d.).
Cor., F., Encicl. ital. 30: 713. 1936.
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 287. 1938.

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Scalzi, F., Giorn. med. Roma 1868: 447-448 (n.v.), reprinted by Saccardo 1: 227.
Sr., Flora 52: 208. 1869 (herb. 23.000 specimens to be bought by the "Study Committee").
Wittrock, V.B., Acta Horti Berg. 3(3): 180, *pl. 136*. 1905 (portr.).

10.236. *Centuriae tres prodromo florae romanae* addendae ... Romae (ex Typographia Contedini ...) 1837. Oct. (*Cent. prodr. fl. rom.*).
Publ.: 1837 (p. [141], date of printing: 26 Dec 1836; Hinrichs 15 Dec 1837), p. [1]-140, [141]. *Copies*: FI, G, HH, NY.

10.237. *Flora romanae prodromus alter* exhibens plantas circa Romam in Cisapenninis pontificiae dictionis provinciis et in Picaeno sponte venientes ... Romae (ex Typographo bonarum artium) [1854-] 1855-1864 [-1865]. Oct. (*Fl. roman. prodr. alt.*).
Publ.: 1851-1865 (in journal), p. [i-vi], [1]-971, *pl. 1-8*. *Copy*: HH. – The first 492 p. were also published separately with a similar t.p. dated 1855 (p. [i-v], [1]-492. *Copy*: HH). Reprinted and to be cited from Atti Accad. pont. Nuov. Linc.:
5: 477-524, 543-598, journal issued 12 Jul 1851.
6(2): 135-183. 13 Oct 1855, 6(4): 417-465. 1 Mar 1856.
10(2): 106-121. 31 Jan 1857, 10(3): 165-280. 28 Feb 1857, 10(4): 249-264. 1 Mar 1857, 10(5): 353-368. 2 Apr 1857, 10(6): 379-386. 7 Jun 1857, 10(7): 422-429. 30 Jul 1857.
11(1): 29-36. 3 Jan 1858, 11(2): 83-90. 6 Feb 1858, 11(3): 148-155. 6 Mar 1858, 11(4): 189-196. 11 Apr 1858, 11(5): 245-252. 2 Mai 1858, 11(6): 283-298. 6 Jun 1858, 11(7): 347-354. Jul 1858.
12(3): 119-142. 19 Apr 1959, 12(4): 181-204. 1 Jun 1859.
15(1): 24-41. 12 Feb 1862, 15(2): 88-104. 18 Mar 1862, 15(3): 183-200. 18 Apr 1862, 15(4): 211-234. 31 Mai 1862, 15(5): 281-313. 23 Aug 1862, 15(6): 357-382. 30 Sep 1862, 15(7-8): 427-442. 29 Nov 1862.
17(1): 28-53. 22 Feb 1864, 17(2/3): 74-97, 109-132. 29 Apr 1864, 17(4/5): 192-215. 3 Aug 1864.
18(2): 133-148. 7 Mar 1865, 18(3): 201-232. 20 Apr 1865.

Sanio, Carl Gustav (1832-1891), German (Eastern Prussian) botanist at Lyck; studied botany and medicine at Königsberg University; with Alexander Braun at Berlin 1855-1857; Dr. phil. Königsberg 1858; habil. id. 1858; lecturer 1859-1866; from 1866-1891 "Privatgelehrter" at Lyck; oustanding plant anatomist. (*Sanio*).

HERBARIUM and TYPES: KBG (destroyed; first herbarium bought by R. Caspary 1866), Danzig (destroyed; second herbarium, 1866-1891, acquired by the Westpreuss. Prov. Mus.); further material at AK, B (mainly destr.), BR, GOET, H (Bryoph.), K, L, M, OXF, P, PC, POZ (Bryoph.), S, WRSL. – Sanio's library was sold by Oswald Weigel, Leipzig (1891). – 29 *letters* to Brotherus are at Helsinki Univ. Libr.; 10 *letters* to F.F.G. Renauld at PC; *letters* to D.F.L. von Schlechtendal at HAL.

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BIOFILE: Anon., Bonplandia 4: 132. 1856; Bot. Centralbl. 46: 399. 1891 (d.); Bot. Gaz. 16: 242. 1891 (library to be sold by Weigel); Bot. Jahrb. 14 (Beibl. 30): 7. 1891 (d.); Bot. Not. 1892: 47 (d.); Bot. Zeit. 16: 360. 1858 (habil. Königsberg), 49: 724. 1891 (library for sale), 50: 356. 1892 (herb. for sale), 53: 216. 1895 (coll. for sale from estate); Flora 42: 15. 1859 (habil. Königsberg); Leopoldina 27: 106. 1891 (obit. not.); Nat. Nov. 13: 93. 1891 (d.); Österr. bot. Z. 41: 260. 1891; Rev. bryol. 2(2): 32. 1875 (exchange requested).

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Schmucker, T. & G. Linnemann, Gesch. Anat. Holz., in H. Freund et al., Handb. Mikrosk. i.d. Technik 5(1): 1-78. 1951.
Sayre, G., Bryologist 80: 517. 1977 (bryoph. at BR, H, POZ).
Timell, T.E., IAWA Bull. ser. 2. 1(4): 147. 153. 1980 (on S. and the first descr. of compression wood).
Wagenitz, G., Index coll. princ. herb. Gott. 142. 1982.

COMPOSITE WORKS: Editor, Hedwigia 26(4-6). 1887.

NOTE: Sanio's fundamental contributions to wood anatomy are discussed by e.g. Sachs (1875), Mägdefrau (DSB and 1973), F. Schmucker and G. Linnemann (1951) and by T.E. Timell (1980) who provides bibliographical references. – Paul Sanio, about whom we have no further details, published *Anatomie des Holzes einheimischer Waldbäume*, Progr. Realschule auf der Burg, Königsberg i. Pr. 31: 1-5. 1878 and "31": [1]-8. 1880.

10.238. *Florula lyccensis*. Exhibens plantas phanerogamas cryptogamas vasculares et characeas in circulo lyccensi libere crescentes adiectis adnotationibus in species et genera nonnullis nec non plantarum rariorum locis natalibus. Dissertatio inauguralis botanica, quam consensu et auctoritate gratiosi philosophorum ordinis in alma litterarum universitate Albertina regiomontana ut summi in ordine philosophorum honores rite sibi concedantur die i.m. iunii a. mdccclviii. h. xi. l.c. publice defendet auctor Carolus Gustavus Sanio borussus ... Halis Saxonum [Halle a.S.] (formis expressum Gebauerio-Schwetschkianis) [1858]. Oct. (*Fl. lycc.*).
Thesis issue: 1 Jun 1858, p. [i-ii], 1-43. *Copy*: E (inf. J. Edmondson), LC. – Curriculum vitae on p. [41]-43.
Journal issue (completed): Linnaea 29: 169-206. Jun 1858 (p. 205-206: addenda).
Erster [*und zweiter*] *Nachtrag*: Verh. Bot. Ver. Prov. Brandenburg 23: 30-54. 1881 (Bot. Centralbl. 20-24 Feb 1882). *See also* ib. 23: 17-29. 1881 (Gefässkrypt. und Characeen der Flora von Lyck) with Nachtrag, ib. 25: 60-88. 1883 (t.p. vol. 1884) and two papers on the *Zahlenverhältnisse der Flora Preussens* ib. 23: 55-93. 1881 and 32: 55-128. 1891 (these papers raised a controversy with J. Abromeit and P. Ascherson.

10.239. *Gegenbemerkung zu den Bemerkungen des Herrn* Prof. Dr. Leopold *Dippel* in Flora 1874 p. 264 (Separat-Abdruck aus "Flora" 1874 Nr. 35). Oct.
Publ.: 11 Dec 1876, p. [1]-9. *Copy*: B. – Reprinted and to be cited from Flora 57: 549-557. 11 Dec 1874. – A reply to criticism of his ideas on the development of the wood of Pinus silvestris by L. Dippel in Flora 57: 266-271. 11 Jun 1874. Dippel replied in Flora 58: 161-171. 11 Apr 1875; Sanio concluded the discussion in Flora 58: 314-320. 11 Jul 1875.

10.240. *Commentatio de Harpidiis europaeis inductiva* [Botanisches Centralblatt 1880, Gratisbeilage Nr. II]. Oct.
Publ.: Jun 1880 (issued with Bot. Centralbl. 1, Jan-Jun 1880; p. 24: 2 Mai 1880), p. [1]-24; Bot. Centralbl. 1 (Gratisbeilage 2), Jun 1880. *Copies*: C, GOET, H.
Additamentum in Hypni adunci cognitionem: Bot. Centralbl. 5(3): 93-94. 17-21 Jun 1881 (reprinted p. [1]-2, copy: H).
Additamentum secundum in Harpidium cognitionem: ib. 13(13): 425-440. 27-31 Mar 1883 (reprinted p. [1]-16, copies: B, H).

10.241. *Additamentum in Caricum cognitionem* [Separat-Abdruck aus Band VI Nr. 26 des "Botanischen Centralblattes 1881"]. Oct.
Publ.: 27 Jun-1 Jul 1881, p. [1]-15. *Copy*: B. – Reprinted and to be cited from Bot. Centralbl. 6(26): 429-444. 27 Jun-1 Jul 1881.

10.242. *Beschreibung der Harpidien*, welche vornehmlich von Dr. Arnell während der schwedischen Expedition nach Siberien im Jahre 1876 gesammelt wurden ... Stockholm (Kongl. Boktryckeriet. P.A. Norstedt & Söner.) 1885. Oct. (*Beschr. Harpid.*).
Publ.: shortly after 1 Jun 1885 (date p. 60; Bot. Zeit. 29 Jan 1886; Nat. Nov. Aug(3) 1886), p. [1]-60. *Copies*: E, G, U; IDC 7670 (129-130). – Issued as Bihang K. Sv. Vet.-Akad. Handl. 10(1), 1885.
Ref.: Arnell, H.W., Rev. bryol. 11(3): 44-45. 1884 (discusses earlier publications by Sanio on *Hypnum* subg. *Harpidium*). – See also Rev. bryol. 13(2): 29-30. 1886.

10.243. *Bryologische Fragmente* I-III (Separat-Abdruck aus "Hedwigia" 1887 ...). Oct.
1: Mai-Jun 1887 (in journal), p. [1]-11 *Copy*: H. – Reprinted and to be cited from Hedwigia 26: 99-109. Mai-Jun 1887.
2: Jul-Oct 1887 (id.), p. [1]-41. *Copy*: H. – Id. 26: 129-169. Jul-Oct 1887.
3: Nov-Dec (id.), p. [1]-21. *Copy*: H. – Id. 26: 169-224. Nov-Dec 1887.

10.244. *Die Harpidien des nördlichen Finnlands* sammt Kola ... Helsingfors (Buchdruckerei der Actien-Gesellschaft J. Simelii Erben) 1890. Oct. (*Harpid. nördl. Finnl.*).
Publ.: 1890 (t.p. preprint), p. [1]-59, [60]. *Copies*: H; IDC 8553 (45-56). – Preprinted from Acta Soc. Fauna Fenn. 8(1): 1-59, [60]. 1890 (1893).

Santapau, Hermenegild (1903-1970), Spanish-born clergyman and botanist; Dr. phil. Gregorian Univ., Roma, 1927; to India 1928; studying botany in London 1936-1940; professor of botany at St. Xavier's College, Bombay; 1940-1954 with the Botanical Survey of India; from 1961-1968 as director; rector of St. Xavier's College, Bombay 1968-1970. (*Santapau*).

HERBARIUM and TYPES: BLAT (some types elsewhere but indicated in publications); other material e.g. at BR and MO.

BIBLIOGRAPHY and BIOGRAPHY: IH 1 (ed. 4): 30, (ed. 6): 364, (ed. 7): 342, 2: (files); Roon p. 99; SIA 155; TL-1/1150.

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Srinavasan, K.S. et al., Bull. Bot. Survey India 9: i-viii. 1968 (Padma Shri and Alfonso X awards; tributes; portr.).
Steenis, C.G.G.J. van, Fl. males. Bull. 11: 404. 1955 (head Bot. Service India), 12: 470-471. 1956 (chief botanist), 17: 879. 1962 (again appointed chief botanist), 18: 978. 1963, 19: 1107. 1964, 23: 1678-1679. 1969 (retirement), 25: 1877. 1971 (d.), 28: 2309. 1975.
Stewart, R.R., Pakistan J. Forestry 17: 355. 1967; Taxon 31: 60. 1982.

EPONYMY: *Santapaua* N.P. Balakrishnan et K. Subramanyam (1963); *Santapauella* Mundkur et Thirumalachar (1945); *Pauia* D.B. Deb & R. Dutta (1965), *Pauella* Ramamurthy et Sebastine (1967).

NOTE: (1) Santapau's *The Acanthaceae of Bombay*, Univ. Bombay Bot. Mem., vol. 2, iii and 104 p., *6 pl.*, was published on 1 Apr 1952, see SK 4: ccxi and J. Bombay nat. Hist. Soc. 51: 349. 1953.

(2) Posthumous publication: with A.N. Henry, *A dictionary of the flowering plants in India*, New Delhi, 1975, vii, 198 p.
(3) Detailed bibliography 1944-1963: Bull. Bot. Surv. India 5: vii-xiv. 1963.

Santesson, Carl Gustaf (1862-1939), Swedish botanist and pharmacologist; Dr. med. Uppsala 1892; lecturer (1891) and extraordinary professor of pharmacodynamics and pharmacognosy at the Karolinska Inst., Stockholm 1895-1909; ordinary professor from 1909-1927. (*C. Sant.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 210 (b. 5 Jul 1862, d. 26 Jul 1939); BL 1: 28, 316; BM 4: 1801; KR p. 619-620 (bibl.); Langman p. 672; LS 38774; Rehder 3: 684, 746; SO 2929, 2980a.

BIOFILE: Nilsonne, U. & Lindman, S., Sv. män och kv. 6: 524-525. 1949 (portr.).
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Wittrock, V.B., Acta Horti Berg. 3(2): 69-70. 1903, 3(3): 51, 208. 1905.

EPONYMY: *Santessonia* M.E. Hale et G. Vobis (1978), *Santessoniolichen* Tomaselli et Ciferri (1952) and *Santessoniomyces* Ciferri et Tomaselli (1953) were all named for R. Santesson (1916-x), Swedish botanist.

NOTE: The distinguished contemporary lichenologist Rolf Santesson (b. 19 Apr 1916) falls outside the scope of TL-2; Grummann (Cat. p. 71) suggests the abbreviation R. Sant. for him; herbarium and types at UPS and S. First major publication: *Über die Zonationsverhältnisse der lakustrinen Flechten einiger Seen im Anebodagebiet*, Medd. Lunds Univ. Limn. Inst. 1: 1-70. 1939.

10.245. *Einige Drogen aus dem Kamerun-Gebiete* und ihre einheimische Verwendung ... Arkiv för Botanik Band 20A. N:o 8 [1926]. Oct.
Publ.: shortly after 31 Mai 1926 (date of printing; 8 Nov 1926 in journal), p. [1]-34. *Copy*: U. – Issued and to be published as Ark. Bot. 20A(8), 1926.

10.246. *Pfeilgiftstudien XII.* Arkiv för Botanik Band 27A. N:o 4. 1935. Oct.
Publ.: shortly after 29 Mai 1935 (date of printing publ. in journal 22 Oct 1935, p. [1]-21. *Copy*: U. – Issued and to be cited as Ark. Bot. 27A(4). 1935. – For Santesson's eleven previous studies on this subject see p. 1 of this 12-th study.

10.247. *Kurze Notiz über den Pakurú-Baum* in Columbia (Süd-Amerika) ... Arkiv för Botanik Band 29B. N:o 2. [1938]. Oct.
Publ.: shortly after 18 Nov 1938 (date of printing; publ. in journal 10 Jul 1939), p. [1]-3. *Copy*: U. – Issued and to be cited as Ark. Bot. 29B(2), 1938.

10.248. *Einige mexikanische Rauschdrogen* ... Arkiv för Botanik Band 29A. N:o 12. [1939]. Oct.
Publ.: shortly after 28 Feb 1939 (date of printing; in journal 10 Jul 1939), p. [1]-9. *Copy*: U. – Issued and to be cited as Ark. Bot. 29A(12), 1939.

10.249. *Notiz über die giftige Fuchs- oder Wolfsflechte* (Letharia vulpina (L.) Vain.) ... Arkiv för Botanik Band 29A. N: o 14. [1939]. Oct.
Publ.: shortly after 20 Mai 1939 (date of printing; in journal 10 Jul 1939), p. [1]-6. *Copy*: U. – Issued and to be cited as Ark. Bot. 29A(14). 1939.

Sántha, László (Ladislaus) (1886-1954), Hungarian lichenologist; Dr. phil. Budapest 1909; assistant at the Botanical Institute of the University of Budapest 1909; at the Viticultural Institute 1910; in charge of the department of pathology of the Institute for Plant Protection 1932; professor at the Horticultural and Agricultural College 1942; director of the Viticultural Institute 1942-1946. (*Sántha*).

HERBARIUM and TYPES: DE.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 15: 7845; GR 652 (b. 1 Mar 1886, d. 9 Mai 1954), *pl.* [*24*]; GR, cat. p. 71; LS 38776, suppl. 24097-24112; SBC p. 131.

BIOFILE: Anon., Bot. Közlem. 45: 312. 1954 (d.); Hedwigia 50: (193). 1910 (asst. Vitic. Inst.).
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Laundon, J.R., Lichenologist 11(1): 16. 1979.
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Santi, Georgio (1746-1822), Italian botanist; Dr. med. phil. Siena 1777; in Paris 1777-1783; professor of botany, natural history and chemistry and director of the botanical garden of Pisa 1782/3-1814. (*Santi*).

HERBARIUM and TYPES: Unknown (if any, possibly at SIENA).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 160; Barnhart 3: 210 (b. 7 Apr 1746, d. 30 Dec 1822); BM 8: 1137; CSP 5: 399, 12: 649; Frank 3 (Anh.): 88; Herder p. 58; Hortus 3: 1203; Jackson p. 323; Kew 4: 594; LS 23671; PR (alph.) ed. 1: 8994-8995; Rehder 5: 757; Saccardo 1: 146; Tucker 1: 621; Zander ed. 10, p. 710, ed. 11, p. 811.

BIOFILE: Berg, E. de, Addit. Thes. lit. bot. 31. 1859.
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Tassi, Fl., Bull. Lab. Orto Bot. Siena 7: 6, 19, 27. 1905.

EPONYMY: *Santia* Savi (1799); *Santiella* Tassi (1900). *Note*: *Santia* R. Wight et Arnott (1834) was probably also named for this author, but no etymology was given.

10.250. *Analysi chimica delle acque dei bagni pisani*, e dell'acqua acidula di Asciano ... Pisa (Presso Luigi Raffaelli ...) 1789. Oct. (*Anal. chim. acque bagni pis.*).
Publ.: 1789, p. [i]-iv, 1-136. *Copy*: G. – Plants discussed in chapter iii.

10.251. *Viaggio al Montamiata* ... Pisa (per Ranieri Prospere ...) 1795. Oct. (*Viagg. Montamiata*).
Publ.: 1795, p. [i]-viii, 1-356, [357, err.], map, *pl. 1-7* (uncol. copp. R. Benvenuti). *Copies*: FI, G, HH, NY, PH.
French transl.: see below (1802).
German transl.: 1797 (p. vi: Jul 1797), p. [i]-vi, [1]-238, map. *Copy*: C (inf. A. Hansen). – "*Naturhistorische Reise durch einen Theil von Toscana*". Aus dem Italienischen übersetzt von Gerasimus Constantini von Gregorini; ... durchgesehen mit einer Vorrede und einigen Anmerkungen begleitet von Kurt Sprengel. Halle (Joh. Jac. Gebauer) 1797. Oct.

10.252. *Viaggio secondo per le due provincie Senesi* che forma il seguito del viaggio al Montamiata ... Pisa (per Ranieri Prosperi ...) 1798. Oct. (*Viagg. secondo*).
Publ.: 1798, p. [i-iii], 1-451, map, *pl. 1-9* (uncol. copp. R. Benvenuti). *Copies*: FI, G, HH, NY, PH.
French transl.: see below (1802).

10.253. *Voyage au Montamiata* et dans le Siennois, contenant des observations nouvelles sur la formation des volcans, l'histoire géologique, minéralogique et botanique de cette partie de l'Italie ... traduit par Bodard, ... Lyon (Bruyset ainé et Comp.e) An 10 (1802). 2 vols. Oct. (*Voy. Montamiata*).
1: 1802, p. [i*, iii*], [i]-xvi, [xvii-xx], 1-494, *introd. pl.*, *pl. 1-3*.
2: 1802, p. [i*, iii*], [i]-iv, [1]-347, *introd. pl.*, *pl. 1-3*.
Copies: BR, NY. – For Italian originals see above.

10.254. *Viaggio terzo per le due provincie senesi* che forma il seguito del Viaggio al Montamiata ... Pisa (per Ranieri Prosperi ...) 1806. Oct. (*Viagg. terzo*).
Publ.: 1806, p. [i-vii], map, 1-432, [1, err.], *pl. 1-8* (uncol. copp. R. Benvenuti). *Copies*: FI, G, PH.

Sapetza, Josef (1829-1868), Moravian botanist; ultimately high school teacher at Rakovac nr. Karlstadt (Karlovac, Károlyváros) in Croatia (then a free royal city of Hungary). (*Sapetza*).

HERBARIUM and TYPES: BRNU.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1803; CSP 5: 404, 8: 831; Futak-Domin p. 518; Klášterský p. 162 (b. 15 Mar 1829, d. 12 Jun 1868); PR 8037-8038; Rehder 1: 441; WU 28: 212-213. 1874.

BIOFILE: Anon., Österr. bot. Z. 18: 333. 1868 (d. at Karlstadt, Croatia); Preslia 50(3): 285. 1978 (brief biogr. sketch).
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Oborny, A., Verh. naturf. Ver. Brünn 21(2): 19. 1882 (hist. bot. Moravia).
Pax, F., Bibl. schles. Bot. 20: 1929.
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10.255. *Die Flora von Neutitschein.* Ein Beitrag zu der Pflanzengeographie der mährischen Karpathen von Josef Sapetza, ... [Görlitz, 1864]. Oct. (*Fl. Neutitschein*).
Publ.: 1864 (Nový Jičin t.p. preprint), p. [1]-56. *Copies*: HH, NY. – Neutitschein (Novy Jičín) is a town in N.E. Moravia near Ostrava (Czechoslovakia). Preprinted from Abh. naturf. Ges. Görlitz 12: 1-56. 1865 (1864/5). See also vol. 13: 93-94. 1968.
Nachtrag: Abh. naturf. Ges. Görlitz 13: [93]-94. 1868.

Saporta, (Louis Charles Joseph) Gaston, marquis de (1823-1895), French palaeobotanist of independent means, living at St. Zacharie (Var) near Aix-en-Provence; corresponding member of the Académie des Sciences, 1877; specially interested in the Mesozoic. (*Saporta*).

HERBARIUM and TYPES: Some material at P and PC. – 30 *letters* to Malinvaud at P.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 325-326; Barnhart 3: 210 (b. 28 Jul 1823, d. 26 Jan 1895); BM 4: 1803-1804, 8: 1138; Bossert p. 348; CSP 5: 404, 8: 831-832, 11: 282-283, 12: 649, 18: 443-444; De Toni 1: cx; DSB 12: 104-105 (F. Stockmans); Frank 3(Anh.): 88; Herder p. 352; Jackson p. 100, 177, 178, 180, 183, 184, 185, 198; Kew 4: 595-596; LS 23674-23675; Moebius p. 382; Morren ed, 2, p. 17, ed. 10, p. 58; NI 1723-1725, 3: 59; Plesch p. 397; PR 8039, 10631; Quenstedt p. 375; Rehder 5: 758; RS p. 140; SBC p. 131; SIA 7230; TL-2/4416; see A.F. Marion; Tucker 1: 622, 3: 267.

BIOFILE: Andrews, H.N., The fossil hunters 335-336. 1980.
Anon., Allg. bot. Z. 1(5): 112. 1895 (d.); Bot. Centralbl. 61: 448. 1895 (d.); Bot. Gaz. 20: 237. 1895; Bot. Not. 1896: 44. (d.); Bot. Zeit. 53(2): 116. 1895 (d.); Brit. Mus. gen. cat. print. books 213: 121-122. 1964; Bull. Soc. bot. France 42 (bibl.): 79-80. 1895; Bull. Soc. bot. France, Table art. orig. 1854-1893: 215-216; Cat. gén. livr. Bibl. natl. 162: 1137-1142. 1941; Grand Larousse encycl. 9: 595. 1964; Hedwigia 34: (67). 1895 (d.); Index biogr. Acad. Sci. 456. 1954; Nat. Nov. 17: 88. 1895; Öster. bot. Z. 45: 159. 1895 (d.).
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Ward, L.F., Ann. Rep. U.S. Geol. Survey 5: 383-384. 1885; Science ser. 2. 2(32): 141-150. 1895 (Saporta and Williamson and their work in palaeobotany).
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Zeiller, R., Rev. gén. Bot. 7: 374-388. 1895 (obit., bibl.); Bull. Soc. geol. France ser. 3. 24: 197-232. 1896 (obit., bibl.).
Zittel, K.A. von, Gesch. Geol. Paläont. 788; Hist. geol. palaeontol. 373, 374. 1901.

EPONYMY: *Saportaea* Fontaine et White (1880); *Saportanella* L. Grambast (1963); *Saportia* Squinabol (1891). *Note*: The etymology of *Saportella* A. Fucini (1936) could not be determined.

10.256. *Sur le rôle des végétaux à feuilles caduques* dans les flores tertiaires antérieures au miocène proprement dit et spécialement dans celle du gypse d'Aix. [Genève 1863]. Oct.
Publ.: Mar 1863 (in journal), p. [1]-22, [23]. *Copy*: G. – Reprinted and to be cited from Bibl. univ. Rev. suisse (Arch. Sci. phys. nat.) 16: 186-207. Mar 1863. – See also Ann. Sci. nat., Bot. ser. 5. 1: 52-69. 1864.
English transl. (*W.S. Dallas*), *in* Ann. Mag. nat. hist. ser. 2. 12: 290-303. 1863.

10.257. *Études sur la végétation du sud-est de la France à l'époque tertiaire* ... Paris (Victor Masson et fils ...) 1863-1867, 3 parts.
1: 1863 (t.p. reprint; in journal Dec 1862-Nov 1863), p. [i-iv], map, [1]-285, [286, err.], *pl. 1-14, 1-13, 17.* – Reprinted from Ann. Sci. nat., Bot. ser. 4. 16: 309-345. *pl. 17.* Dec 1867, 17: 191-311, *pl. 1-14.* Mar-Apr 1863, 19: 5-124, *pl. 1-11.* Nov 1863.
2: 1865-1866 (t.p. reprint; Soc. bot. France rd 17 Dec 1866; first part published in journal in 1865), p. [i-iii], [1]-408, *pl. 1-8, 1-13.* – Reprinted from id. ser. 5. 3: 5-151, *pl. 1-8.* 1865, 4: 5-264, *pl. 1-13.* 1866 (in part 1, Mar 1866, part 2-4, Mai 1866, part 5, Jun 1866).
3: 1867 (t.p. reprint, but last part published only in journal issue Nov 1868), p. [1]-194, *pl. 1-15, 1-7.* – reprinted from id. ser. 5. 8: 5-136, *pl. 1-15.* 1867, 9: 5-62, *pl. 1-7.* Nov 1868.
Copies: G, NY, USGS.
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Suppl. 2: 1873, p. [81]-120. – Id. ser. 5. 17: 5-44, *pl. 1-5.* Apr 1873.
Suppl. 3: 1873, p. [121]-244, *pl. 1-18.* – Id. ser. 5. 18: 23-147, *pl. 1-18.* Sep 1873.
Copy: USGS.

10.258. *Notice sur les plantes fossiles des calcaires concrétionnés de Brognon* (Côte-d'Or) ... Paris (Imprimerie de E. Martinet ...) 1866. Oct.
Publ.: 1866 (read 15 Jan 1866), p. [1]-30, *pl. 5-6. Copy*: G. – Reprinted and to be cited from Bull. Soc. géol. France ser. 2. 23: 253-283, *pl. 5-6.* 1866.

10.259. *La flore des tufs quarternaires* en Provence ... Aix (Typographie Remondet-Aubin, ...) 1867. Oct.
Publ.: 1867 (BSbF Dec 1867), p. [1]-32, [1, err.], *1 pl.* (uncol. lith. auct.). *Copies*: G, USGS. – Reprinted and to be cited from C.R. Congr. sci. France 33. Sess. 1: 267-296, *1 pl.* 1867.
Ref.: Anon., Bull. Soc. bot. France 14 (bibl.): 164. Dec 1867.

10.260. *Aperçu sur la flore de l'époque quaternaire* ... Caen (Typ. F. le Blanc-Hardel, ...) 1867. Oct.
Publ.: prob. Dec 1867 (t.p. reprint; BSbF rd Jan-Apr 1868), p. [1]-17. *Copies*: G, USGS. – Preprinted from Annuaire de l'Institut des Provinces 20: 9-23. Feb 1868.

10.261. *Notice sur l'Asplenium petrarchae* (DC.) ... Extrait du Bulletin de la Société botanique de France ... 1867. Oct.
Publ.: 1867 (read 26 Apr 1867), p. [1]-11, *pl. 4* (uncol. lith. auct.). *Copy*: G. – Preprinted from Bull. Soc. bot. France 14(C.R.): 179-190. Jul 1868.

10.262. *Caractères de l'ancienne végétation polaire* analyse raisonnée de l'ouvrage de M. Oswald Heer intitulée Flora fossilis arctica ... Paris (Victor Masson et fils ...) 1868. Oct.
Publ.: 1868 (read Soc. bot. France 17 Apr 1868), p. [1]-43. *Copy*: G. – Reprinted from Ann. Sci. nat. ser. 5. 9: 86-126. 1868 (published after 17 Apr 1868).

10.263. *Sur la flore fossile des régions arctiques* ... Extrait Bulletin de la Société botanique de France ... 1868. Oct.
Publ.: 1868 (read 17 Apr 1868), p. [1]-8. *Copy*: G. – Preprinted from Bull. Soc. bot. France 15(C.R.): 64-71. Feb 1869.

10.264. *Prodrome d'une flore fossile des travertins anciens de Sézanne* ... Paris (au local de la Société [géologique de France] ...) 1868. Qu.
Publ.: 1868, cover-t.p., p. [287]-236, [1, err.], *pl. 22-36. Copies*: G, John Crerar Libr. – Issued as Mém. Soc. géol. France ser. 2. 8(3). 1868.

10.265. *L'école transformiste* et ses derniers travaux ... Paris (Imprimerie de J. Claye ...) 1869. Oct.
Publ.: 1 Oct 1869 (t.p.), p. [i], [1]-40. *Copy*: USGS. – Reprinted and to be cited from Rev. Deux Mondes 83: 635-674. 1 Oct 1869.

10.266. *Paléontologie française* ou description des fossiles de la France continuée par une réunion de paléontologistes sous la direction d'un comité spécial. 2e série. – Végétaux. *Plantes jurassiques* ... Paris (G. Masson, ...) [1872-]1873-1884-1891, 4 vols. Oct. (*Paléont. franç., Pl. jurass.*).
1: Jan 1872-Mar 1873, 10 parts, p. [i, iii], [1]-506, *pl. 1-70.* Livraisons (copy orig. covers at G):
(1): Jan 1872, p. [1]-48, *pl. 1-8.*
(2): Mar 1872, p. 49-96, *pl. 9-12.*
(3): Mar 1872, p. 97-144, *pl. 13-20.*
(4): Apr 1872, p. 145-192, *pl. 21-28.*
(5): Apr 1872, p. 193-240, *pl. 29-34.*
(6): Jun 1872, p. 241-288, *pl. 35-41.*
(7): Jul 1872, p. 289-336, *pl. 42-48.*
(8): Oct 1872, p. 337-384, *pl. 49-54.*
(9): Dec 1872, p. 385-432, *pl. 55-60.*
(10): Mar 1873, p. 433-506, *pl. 61-70.*
Plates bound in a special *Atlas*, p. [i-iii], *pl. 1-70*, col. liths. Grabowski, H. Formant.
2: Jun 1873-Mai 1875, 9 parts, p. [i-iii], [1]-352, *pl. 1-58.*
(11): Jun 1873, p. 1-48, *pl. 1-8.*
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(15): Apr 1874, p. 194-224, *pl. 27-34.*
(16): Mai 1874, p. 225-256, *pl. 35-42.*
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(42): Mar 1890, p. [273]-304, *pl. 41-46.*
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(44): Jan 1891, p. 353-400, *pl. 43-58.*
(45): Mar 1891, p. 401-448, *pl. 59-63.*
(46): Mar 1891, p. 449-496, *pl. 64-68.*
(47): Jul 1891, p. 497-547, [548, err.], *pl. 69-74.*
Atlas: p. [i-iii], *pl. 1-74* (*227-300*]. Artist: A. Leuba.
Copies: BR, G (orig. covers dated), NY, Teyler, USGS.
Part of a series initiated by Alcide d'Orbigny; the other volumes (ser. 1) are zoological (see BM 3: 1474).

10.267. *Examen critique d'une collection de plantes fossiles de Koumi* (Eubée) [Paris (Imprimerie de Gauthier-Villars) 1873]. Qu.
Publ.: 1873, p. [1]-30, *pl. 2. Copy*: G. – Reprinted and to be cited from Ann. Sci. École norm. sup. ser. 2. 2: 323-352, *pl. 2.* 1873. – Preliminary paper: Bull. Soc. géol. France ser. 2. 25: 315-328. 20 Jan 1868, see Bull. Soc. bot. France 16 (bibl.): 33. 1869, 23: 114-115. 1874.

10.268. *Notice sur les plantes fossiles du niveau des lits à poissons de Cerin* ... Lyon (Georg, ...), Paris (F. Savy, ...) 1873. Oct.
Publ.: 1873, p. [i], [1]-60, *pl. 14-15. Copies*: G, USGS. – Reprinted and to be cited from Ann. Soc. Agr. Hist. nat. Lyon ser. 4. 5: 87-142. 1872 (1873).

10.269. *Essai sur l'état de la végétation* à l'époque des *Marnes heersiennes* de Gelinden ... Bruxelles (F. Hayez, ...) 1873. Qu. (*Essai vég. Marnes heers.*).
Co-author: Antoine-Fortuné Marion (1846-1900), see TL-2/3: 295-296.
Publ.: 1873, p. [i-ii], [1]-94, [95], *pl. 1-12* (col. liths. auct.). *Copies*: G, HH, USGS. – Also

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Co-author: Antoine-Fortuné Marion (1846-1900), see TL-2/3: 295-296.
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Publ.: 1888-1889 (in journals; reprint rd by Soc. bot. France 14 Feb 1890; Österr. bot. Z. Jan 1890; Bot. Zeit. 31 Jan 1890, p. [i*-iii*], [i]-lx, *pl. 1-3*, [1]-104, *pl. 1-10*, [1]-192, *pl. 1-20* (uncol. liths. auct.). *Copies*: G, NY, USGS. – Reprinted and to be cited from:
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Sarasin, [Carl] Friedrich ("Fritz") (1859-1942), Swiss naturalist; studied in Basel and Würzburg; explored, with his cousin Paul Benedict Sarasin, Ceylon (1883-1886, 1890), and Celebes (1893-1896, 1902-1903); "Privatgelehrter" at Basel; from 1898 president of the council for the Basel Museum f. Völkerkunde. (*Sarasin*).

HERBARIUM and TYPES: BAS. – Other material at B (mainly destroyed), H (Bryoph.), K, P, Z.

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Co-editor: Jean Roux (1876-1939); editors for botany: Hans Schinz (1858-1941), André Guillaumin (1885-1974).
Publ.: 1914-1921, vol. 1, Lief. 1-3, all published. *Copies*: C, FI, G, GB, GOET, ILL, MO, UC, USDA.
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1(2): 1920 (ÖbZ Mar-Jun 1921; Nat. Nov. Jan 1921), p. [i-iii], 89-176, *pl. 5-6* with text. Contributions by E.M. Wakefield, H. Schinz, A. Guillaumin, A.D. Cotton, F. Stephani, R. Mirande, M. Martelli, Ed. Beccari, Cas. de Candolle, L. Diels.
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Sarauw, Georg Frederik Ludvig (1862-1928), Danish botanist and forester; studied botany and forestry at Copenhagen, München, Berlin, Paris 1881-1892; assistant at the agronomical station at Rostock 1890-1894; assistant at the Copenhagen National Museum 1894-1911; from 1912 in charge of the archeological department of Göteborgs Museum (*Sarauw*).

HERBARIUM and TYPES: Unknown; the collections of Vilhelmine Sarauw (x-1907) (daughter of C.A.W. Sarauw) are at C.

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Sargant, Ethel (1836-1918), English plant anatomist; studied at Cambridge 1881-1884; from 1892-1893 at the Jodrell Laboratory, Kew, under D.H. Scott; from 1893-1912 pursuing botanical research privately at her property at Reigate; from 1912-1914 at Cambridge; in war work 1914-1918. (*Sargant*).

HERBARIUM and TYPES: Unknown.

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Sargent, Charles Sprague (1841-1927), American (Bostonian) botanist and dendrologist; graduated from Harvard 1862; in the Civil War 1862-1865; travelled in Europe 1865-1868; professor of horticulture at Harvard 1870; Arnold professor of arboriculture ib. 1879-1927; founder (1872) and first director of the Arnold Arboretum of Harvard University 1872-1927; travelled and collected extensively in the United States, the West Indies, Mexico and Japan; active conservationist; LL.D. h.c. Harvard 1901. (*Sarg.*).

HERBARIUM and TYPES: A and AAH; other material at E, GH, K, MO, NY, NYS, PH, US. – Smithsonian Archives SIA 189, 220, 221, 222, 224, 227, 7004, 7177, 7230, 7272. Correspondence and archives at A; 123 *letters* to W.G. Farlow at FH; other letters at GH.

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Verdoorn, F., ed., Chron. bot. 1: 157, 294, 422. 1935, 2: 328. 1936, 5: 220. 1939, 7: 348. 1943.
Voss, E.G., Contr. Univ. Mich. Herb. 13: 67. 1978.
Wilson, J.G. & J. Fiske, Appleton's Cyclopaedia of American Biography 5: 399-400. 1888.
Wittrock, V.B., Acta Horti Berg. 3(2), 180. 1903, 3(3): 201. 1905.

COMPOSITE WORKS: (1) *Garden and Forest*, 10 vols., 1888-1897, editor (Sargent contributed 367 articles).
(2) Editor, *Asa Gray, scientific papers*, 2 vols. 1889.
(3) A. Rehder, *Bradley bibliography*, 5 vols. 1911-1918, compiled under the direction of C.S. Sargent.
(4) Editor, *Bulletin of popular Information*, Arnold Arb., Jamaica Plain, vols. 1-12, 1915-1926.
(5) Editor, *Journal of the Arnold Arboretum* vols. 1-8(1), 1919-1927.
(6) Editor, E.J. Palmer, *Synopsis of North American Crataegi*, 1925, see TL-2/4: 30.
(7) Introduction to Ernest H. Wilson, A naturalist in Western China, 1913.

HANDWRITING: Bartonia 28: *pl. 7. 1957*.

NOTE: No relation of the horticulturist Henry Winthrop Sargent (1810-1882), owner of the estate and garden "Wodenethe" on the Hudson from 1839; author of various books on landscape gardening.

EPONYMY: (genera): *Sargentia* S. Watson (1890, *nom. cons.*); *Sargentia* H. Wendland et Drude ex C. Salomon (1887, *nom. rej.*); *Sargentodoxa* Rehder et Wilson (1913). (Journal):

Sargentia, a continuation of the Contributions from the Arnold Arboretum of Harvard University, Jamaica Plain, Massachusetts. Vols. 1-8, 1942-1949.

10.290. Department of the interior. Tenth census of the United States. Forestry. *A catalogue of the forest trees of North America* ... Washington (Government Printing Office) 1880. Oct. (in fours). (*Cat. for. trees*).

Publ.: 1 Jan-15 Mar 1880 (MO copy signed by Engelmann rd. 29 Aug 1880; Bot. Centralbl. 22-26 Mar, 5-9 Apr 1880; Bot. Gaz. Mai 1880; Nat. Nov. Jan(1) 1880; Bot. Zeit. 16 Jul 1880), p. [1]-93. *Copies*: BR, G, HH(2), MO, NY, PH, US(2), USDA(2). – Lists 342 forest trees with details distr., ecol., wood, synon. Printed on one side.

10.291. 47th Congress, 2d Session. House of representatives. Mis. Doc. 42, part 9. Department of the Interior, Census office, ... *Report on the forests of North America* (exclusive of Mexico), ... Washington (Government Printing Office) 1884. Oct. (*Rep. for. N. America*).

House of representatives issue: Sep-Dec 1884 (copy at MO sent by Sargent to Trelease on 28 Feb 1885; p. iii: 1 Sep 1884), p. [i]-ix, [1]-612, 39 maps in volume, 16 maps in portfolio. *Copies*: HH, MO, PH.

Commercial issue: Sep-Dec 1884 (see above; Bot. Zeit. 24 Apr 1885; Nat. Nov. Mai(1) 1885), p. [i]-ix, [1]-612, 39 and 16 maps id. *Copies*: BR, M (without maps), NY, USDA.

Condensed version: see above, *Woods United States* (1885).

10.292. American Museum of natural History. Jesup collection. *The woods of the United States*. With an account of their structure, qualities, and uses. With geographical and other notes upon the trees which produce them ... New York (D. Appleton and Company, ...) 1885. Oct. (*Woods U.S.*).

Publ.: Mai-Jun 1885 (p. vi: Mai 1885; Bot. Centralbl. 6-10 Jul 1885; Bot. Zeit. 25 Dec 1885; Nat. Nov. Jul(1) 1885), p. [i]-viii, [1]-203. *Copies*: BR (sent by Sargent to Lord Ducie, 17 Nov 1887), HH, MO, NY, PH, US, USDA.

10.293. *The silva of North America* a description of the trees which grow naturally in North America exclusive of Mexico by Charles Sprague Sargent ... illustrated with figures and analyses drawn from nature by Charles Edward Faxon [vols. 1-5:] and engraved by Philibert and Eugène Picart ... Boston and New York (Houghton, Mifflin and Company ...) [1890-]1891-1902. Qu. 14 vols. (*Silva*).

Artist: Charles Edward Faxon (1846-1918).

Publ.: 14 vols., 1890-1902. For the dates of publication of the individual volumes see Tucker p. 623 (vols. 2-9, 11-14) and Sorensen (1978, for vols. 1 and 10). *Copies*: BR, FI, G, MO, NY, PH, US, USDA.

1: 1 Oct 1890 (t.p. 1891 [BR copy: 1892], p. ix: Sep. 1890; Gard. Chron. 1 Jan 1891; Garden and Forest 3 Dec 1890; preface vol. 13; vol. 1 publ. Oct 1890; Bull. Torrey bot. Cl. (TBC) 9 Dec 1890; Bot. Centralbl. 10 Dec 1890; Bot. Zeit. 27 Feb 1891; J. Bot. Jan 1891), p. [i]-ix, [xi-xiii], [1]-119, *pl. 1-50* (uncol.; see title above).

2: 23 Mai 1891 (Tucker; Garden & Forest 10 Jun 1891; t.p. 1891 [BR copy: 1892], TBC 15 Nov 1891; J. Bot. Jul 1891; Centralbl. 19 Jan 1892; Bot. Zeit. 27 Nov 1891), p. [i-vii], [1]-117, *pl. 51-97*.

3: 21 Jan 1892 (Tucker; Garden & Forest 17 Feb 1892; t.p. 1892; Bot. Centralbl. 2 Mar 1892; ÖbZ rd Feb 1892; TBC 5 Mar 1892; Bot. Zeit. 27 Mai 1892), p. [i-vii], [1]-141, *pl. 98-147*.

4: 2 Jul 1892 (t.p. 1892; Tucker; Garden & Forest 20 Jul 1892; TBC 10 Sep 1892), p. [i-vii], [1]-141, *pl. 148-197*.

5: 30 Dec 1893 (t.p. 1893; Tucker; Gard. & Forest 9 Dec 1893; review [sic]; Bot. Zeit. 16 Apr 1894), p. [i-vii], [1]-189, *pl. 198-251*.

6: 18 Mai 1894 (t.p. 1894; Tucker; Bot. Zeit. 16 Jan 1895), p. [i-vii], [1]-124, *pl. 252-300*.

7: 1 Feb 1895 (t.p. 1895; Tucker; ÖbZ rd Oct 1895; Bot. Centralbl. 10 Apr 1895), p. [i-vii], [1]-173, *pl. 301-355*.

8: 20 Sep 1895 (t.p. 1895; Tucker; Bot. Centralbl. 13 Nov 1895), p. [i]-vi, [vii], [1]-190, *pl. 356-438*.

9: 16 Mar 1896 (t.p. 1896); Tucker; Bot. Zeit. 16 Jun 1896), p. [i]-vi, [vii], [1]-190, *pl. 439-496.*
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11: 29 Apr 1898 (t.p. 1897; Tucker; Bot. Zeit. 16 Jun 1898; Bot. Centralbl. 18 Mai 1898; ÖbZ rd Mai 1898), [i-vii], [1]-163, *pl. 538-592.*
12: 10 Jan 1899 (t.p. 1898; Bot. Centralbl. 5 Apr 1899), p. [i-vii], [1]-144, *pl. 593-620.*
13: 15 Dec 1902 (t.p. 1902; Tucker; p. [v]: Jun 1902; Bot. Centralbl. 14 Apr 1903, 4 Aug 1903; Bot. Zeit. 16 Mai 1903; J. Bot. Mar 1903), p. [i]-viii, [1]-184, *pl. 621-704.*
14: 15 Dec 1902 (t.p. 1902; Tucker; Bot. Centralbl. 14 Apr 1903; Bot. Zeit. 16 Mai 1903; J. Bot. Mar 1903), p. [i-v], [1]-152, *pl. 705-740.*
Re-issue of vols. 1-2: with t.p. dated 1892. *Copies*: BR, USDA.
Facsimile ed.: 1947 by Peter Smith, Magnolia, Mass. (n.v.), bound in 7 volumes, all dated 1890.
Prospectus: 1901, see Tucker p. 623.
Ref.: Brandis, D., Bot. Zeit. 47: 781-786. 1891 (rev. vol. 1), 50: 79-86. 1892 (vol. 2), 51: 1-13. 1893 (vols. 3, 4).
Britten, N.L., Bull. Torrey bot. Club 17: 328-330. 9 Dec 1890 (rev.).
Buchenau, Fr., Bot. Zeit. 53: 265-269. 1895 (rev. vols. 1-7), 54: 312-315. 1896 (rev. vols. 8-9), 61: 152-154. 1903 (rev. vols. 10-14).
Sorensen, P.D., J. Arnold Arb. 59: 68-73. 1978.

10.294. *Forest flora of Japan* notes upon the forest flora of Japan ... Boston and New York (Houghton, Mifflin and Company ...) 1894. Qu. (*Forest fl. Japan*).
Publ.: Dec 1894 (as a book; in journal: 1893, see below), p. [iii]: Mai 1894; PH copy rd 29 Jan 1895; Bot. Zeit. 1 Dec 1895; J. Bot. Feb 1895; Nat. Nov. Jan 1895), p. [i-vii], [1]-93, *pl. 1-26. Copies*: BR, G, HH, MICH, MO, PH, US, USDA. – Plates by C.E. Faxon. – Text previously published in Garden & Forest 6, 1893, p. 26-28, 38-39, 51-52, 64-65, 75-76, 88-89, 111-112, 121-122, 142-144, 153-156, 162-163, 193-194, 213-214, 233-234, 253-254, 273-274, 292-293, 323-324, 342-344, 363-364, 383-385, 403-404, 442-443, 473-474, 493-495, 524-526, 532-533.

10.295. *Trees and shrubs* illustrations of new or little known ligneous plants prepared chiefly from material at the Arnold Arboretum of Harvard University ... Boston and New York (Houghton, Mifflin and Company ...) [1902] 1905-1913. 2 vols. (*Trees & shrubs*).
1: 1902-1905, p. [1]-217, [218], [1, err.], *pl. 1-100.*
2: 1907-1913, p. [1]-278, *pl. 101-200.*
1(1): *pl. 1-25*, p. 1-50. 26 Nov 1902.
(2): *pl. 26-50*, p. 51-100. 13 Mai 1903.
(3): *pl. 51-75*, p. 101-150. 14 Nov 1903.
(4): *pl. 76-100*, p. 151-217. 8 Apr 1905.
2(1): *pl. 101-125*, p. 1-56. Sep 1907.
(2): *pl. 126-150*, p. 57-116. Mai 1908.
(3): *pl. 151-175*, p. 117-190. Jun 1911.
(4): *pl. 176-200*, p. 191-278. Aug 1913.
Copies: BR, FI, G, M, MO, NY, PH, USDA. – Plates by C.E. Faxon.

10.296. *Recently recognized species of Crataegus* in Eastern Canada and New England i[-vi]. [From Rhodora vols. 5 and 7, 1903-1905]. Oct.
Publ.: a series of publications in Rhodora, vols. 5 and 7, reprinted with original pagination and special t.p.-covers. *Copies*: BR, FI.
1: Feb 1903, Rh. 5(50): 52-66.
2: Apr 1903, Rh. 5(52): 108-118.
3: Mai 1903, Rh. 5(53): 137-153.
4: Jun 1903, Rh. 5(54): 159-168.
5: Jul 1903, Rh. 5(55): 182-187.
6(1): Sep 1905, Rh. 7(81): 162-164.
6(2): Oct 1905, Rh. 7(82): 174-185.

6(3): Nov 1905, Rh. 7(83): 192-219.
Note: We list only a few of Sargent's numerous publications on *Crataegus*. They are all journal publications; several of them were reprinted with original pagination and a special t.p. or a cover-t.p. – "Crataegus" was characteristic for Sargent who tried to master the apomictic diversity of the genus before the genetic understanding of the reproductive processes involved. Sutton (1970) states that 866 species were described between 1896 and 1910, many of them by Sargent.

10.297. *Manual of the trees of North America* (exclusive of Mexico) ... Boston and New York (Houghton, Mifflin and Company ...) 1905. Oct. (*Man. trees*).
Illustrations: Charles Edward Faxon (1846-1918).
Ed. [*1*]: Mar 1905 (p. iv: published Mar 1905; PH rd 2 Jun 1905; Bot. Centralbl. 11 Jul 1905; Bot. Zeit. 16 Jun 1905; J. Bot. Jul 1905; NY rd Apr 1905; TBC 27 Mai 1905; Nat. Nov. Apr(1) 1905), p. [i-ii], map, [iii]-xxiii, [1]-826, [828, colo.]. *Copies*: BR, G, HH, M, MICH, MO(2), NY, PH, US, USDA.
Ed. [*1*], second impression, n.v., fide Trelease (1929) p. 265.
Ed. 2: 1922 (p. [v]: Sep 1921; MO rd 27 Jun 1922; NY rd Mai-Jun 1922; ÖbZ rd Oct 1922-Feb 1923), map, p. [i]-xxvi, [1], [1]-910, [912, colo.]. "Second edition" Boston and New York (Houghton Mifflin Company ...) 1922. Oct. Drawings by C.E. Faxon and Mary W. Gill. *Copies*: HH, MO, NY.
Ed. 2 (*London*): 1922 (Nat. Nov. Oct 1922) (s.d.), map, p. [i]-xxvi, [1], [1]-910. "Second edition" London (Constable & Co. Limited) s.d. *Copies*: BR, G.
Ed. 2, reprinted with corrections: 1926, map, p. [i]-xxvi, [1], [1]-910. *Copy*: MICH. – "Second edition reprinted with corrections" Boston and New York (Houghton Mifflin Company ...) 1926. *Corrections and emendations* also publ. in J. Arnold Arb. 7: 1-21. 1926.
Ed. 2: 1933 reissue: map, p. [i]-xxvi, [1], [1]-910. – No date on t.p., no mention of edition but on p. [ii] copyright, 1933 by S. Sargent. – *Copies*: MO, US, USDA. – Boston and New York (Houghton Mifflin Company ...) s.d.
Ed. 2, Dover edition: 1961, 2 vols. p. [i]-xxvi, [1], [1]-433, p. [i]-xviii, and [i]-xxiv, [433]-934. *Copies*: FI, MO. – "Second corrected edition in two volumes" New York (Dover Publications, Inc.). Reissued 1965 (Taxon 14: 290. 1965).

10.298. *Crataegus in Eastern Pennsylvania* ... From the Proceedings of the Academy of natural Sciences of Philadelphia, September 1905.
Publ.: 22 Sep 1905 (date on cover), cover-t.p., p. 577-661. *Copies*: FI, G, M, PH. – Reprinted and to be cited from Proc. Acad. nat. Sci. Philadelphia 1905: 577-661.
Crataegus in Pennsylvania II: 23 Mai 1910, cover-t.p., p. 150-253. *Copy*: M. – Id. 1910: 150-253.

10.299. *Crataegus in Southern Michigan* ... Lansing, Michigan (Wynkoop, Hallenbeck, Crawford Co., State Printers) 1907. Oct.
Publ.: 1907 (Nat. Nov. Jan(2) 1908), p. [i], [511]-570. *Copies*: BR, FI, MICH, PH. – "Published by the State board of geological survey as part of the report for 1906 ..."

10.300. *Crataegus in Southern Ontario* ... from no. 4 of The Ontario natural Science Bulletin 1908.
Publ.: 18 Mai 1908, p. [i, cover-t.p.], 11-98. *Copies*: BR, FI, M, PH, USDA. – Reprinted and to be cited from Ontario nat. Sci. Bull. 1098(4): 11-98.

10.301. *Crataegus in Missouri* ... (printed in advance from the nineteenth Annual Report of the Missouri Botanical Garden) 1902. (*Crataegus Missouri*).
Publ.: 2 Jul 1908, cover-t.p., p. 35-126. *Copies*: BR, FI, G, PH. – Preprinted from Ann. Rep. Missouri Bot. Gard. 19: 35-126. 1908.
Part 2: ib. 22: 67-83. 1912.

10.302. *Crataegus in New York* ... Albany (The University of the State of New York) 1913. Oct.
Publ.: Dec 1913 (BR rd 14 Jan 1914; Nat. Nov. Jan(2) 1914), p. [i, cover-t.p.], [53]-124.

Copies: BR, FI, G, HH, M. – Reprinted and to be cited from New York State Museum Bull. 167, Report of the State Botanist 1912.

10.303. *Plantae wilsonianae* an enumeration of the woody plants collected in Western China for the Arnold Arboretum of Harvard University during the years 1907, 1908 and 1910 by E.H. Wilson edited by Charles Sprague Sargent ... Cambridge (the University Press) 1913-1917. 3 vols. Oct. (*Pl. wilson.*).
Editor: C.S. Sargent; *collector*: Ernst Henry Wilson (1876-1931); *authors*: C.S. Sargent (preface 1: v-vii, Crataegus 1: 178, Phellodendron 2: 136, Carya 3: 187) and W.G. Craib, S.T. Dunn, W.O. Focke, F. Gagnepain, J.S. Gamble, H. Harms, J. Hutchinson, E. Janczewski, E. Koehne, H. Lecomte, Th. Loesener, J.B. Norton, A. Rehder, A.B. Rendle, A.K. Schindler, C. Schneider, G.R. Shaw, W.T. Swingle, H. Takeda, E.H. Wilson.
1(1): 31 Jul 1911, p. 1-144.
(*2*): 30 Apr 1912, p. 145-312.
(*3*) 15 Mai 1913, p. [i]-x, 313-611.
2(1): 24 Mar 1914, p. 1-262.
(*2*): 28 Dec 1915, p. 263-422.
(*3*): 30 Mar 1916, p. [i]-vi, 423-661.
3(1): 8 Mai 1916, p. 1-188.
(*2*): 31 Aug 1916, p. 189-420.
(*3*): 31 Jan 1917, p. [i]-x, 421-666.
Copies: BR, G, HH, M, MICH, MO, NY, PH, U, US, USDA.

Sargent, Frederick LeRoy (1863-1928), American botanist; studied at the Lawrence Science School, Harvard University 1883-1886; head Department of Botany, Madison, Wisconsin 1886-1887; instructor in botany at the Medical School, Boston 1894-1895; assistant Botanical Museum, Harvard University 1902-1904; later botany teacher at Cambridge, Mass. (*F.L. Sargent*).

HERBARIUM and TYPES: US; other material at GH, M, MIN, OKLA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 211 (b. 25 Dec 1863, d. 16 Jan 1928); Bossert p. 348; CSP 18: 449; GR p. 242; Kelly p. 205; Kew 4: 598; Lenley p. 359; LS 23690-23696; Rehder 5: 759; Tucker 1: 624.

BIOFILE: Anon., Amer. men Sci. ed. 1: 279. 1906, ed. 2: 409. 1910, ed. 3: 598. 1921, ed. 4: 854. 1927; Science ser. 2. 67: 134. 1928 (d.); Who's who in America 1901-1902: 988-989, 1903-1905: 1294, 1906-1907: 1559, 1908-1909: 1654, 1910-1911: 1675-1676, 1912-1913: 1831, 1914-1915: 2051, 1916-1917: 2153, 1918-1919: 2376-2377, 1922-1923: 2712, 1924-1925: 2811, 1926-1927: 1678, 1928-1929: 1832; Who's who in New England 821-822. 1909; Who was who in America 1: 1079. 1968.
Brown, J.H., ed., Lamb's biogr. dict. U.S. 6: 611. 1903.
Cattell, J.M., ed., Amer. men Sci. ed. 1. 279. 1906, ed. 2. 409. 1910, ed. 3. 598. 1921, ed. 4. 854. 1927.
Ewan, J. et al., Short hist. bot. U.S. 95. 1969.

10.304. *Guide to the recognition of the principal orders of cryptogams* and the commoner and more easily distinguished New England genera. With a full glossary ... Cambridge (Charles W. Sever ...) 1886. Oct. (*Guide orders crypt.*).
Publ.: 1886, (p. 7: Jun 1886; TBC Aug 1886; Bot. Gaz. Oct 1886; Bot. Zeit. 26 Nov 1886; Nat. Nov. Sep(2) 1886), p. [1]-39, err. slip. *Copies*: FH, HH, NY, Stevenson, US, U-V.

10.305. *A key to the North American species of Cladonia* ... Cambridge, Mass. 1893.
Publ.: 1893, p. [i], 1-13. *Copies*: Almborn, FH, NY. – Handwritten text multiplied by blueprinting; based on Tuckerman, *Syn. N. Amer. Lich.*

10.306. *Corn plants* their uses and ways of life ... Boston and New York (Houghton, Mifflin and Company ...) 1899. (*Corn pl.*).

Publ.: 1899 (p. v: Mar 1899; Bot. Zeit. 16 Jul 1899; Nat. Nov. Mai(2) 1899), p. [i]-ix, [1]-106. *Copies*: HH, MO, NY, PH, USDA.

10.307. *Plants and their uses* an introduction to botany ... New York (Henry Holt and Company) 1913. Oct. (*Plants*).
Publ.: 1913 (p. iv: Dec 1912; TBC 18 Jun 1913; Nat. Nov. 1914), p. [i]-x, [xi], [1]-610. *Copies*: G, HH, MICH, MO, NY, PH, USDA.
Ref.: Boulger, G.S., J. Bot. 52: 341-342. Dec 1914.

10.308. *Student's handbook to accompany plants and their uses* ... New York (Henry Holt and Company) 1914. Oct. (*Stud. handb. pl.*).
Publ.: 1914, p. [i-ii], 1-80. *Copies*: USDA(2).

Sarnthein, Ludwig (Graf) *von* (1861-1914), Transsilvania-born Austrian botanist; government administrator in Brixen, Triest (1892), Innsbruck (1905) and Ampezzo (S.Tirol) (1906), ultimately as "Bezirkshauptman" (district governor). (*Sarnth.*).

HERBARIUM and TYPES: IBF; other material at A, AK, C, E, GOET, L, M (Lich.), W, WRSL.

NAME: full name Ludwig, Graf von Sarnthein zu Rottenbuch, Kellerburg und Kränzenstein.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 682; Barnhart 3: 212 (b. 4 Jan 1861, d. 1 Feb 1914); BFM no. 825, 826, 829; Biol.-Dokum. 15: 1893; BL 2: 404, 714; BM 8: 1140; Bossert p. 348; CSP 18: 449; DTS 1: 2524-255, 3: li, 6(4): 191-192; GR p. 439; GR, cat. p. 71; Hawksworth p. 185; IH 1 (ed. 7): 342, 2: (in files); LS 6510, 23697-23698, 32442, 38779; Morren ed. 10, p. 37; Nordstedt suppl. p. 6; Saccardo 2: 97; SBC p. 131; TL-2/1299, 5242; Tucker 1: 624 and add.

BIOFILE: Anon., Bot. Centralbl. 52: 450. 1892 (to Trient); Magy. bot. Lap. 13: 172. 1915 (d.); Nat. Nov. 36: 288. 1914 (d.); Österr. bot. Z. 55: 123. 1905 (to Innsbruck), 56: 491. 1906 (to Ampezzo), 64: 208. 1914 (d.).
Janchen, E., Cat. fl. austr. 1: 46, 49. 1956.
Murr, J., Neue Übers. Farn Bl.-Pfl. Vorarlberg xxi. 1923.
Sayre, G., Bryologist 80: 517. 1977.
Wagenitz, G., Index coll. princ. herb. Gott. 143. 1982.

COMPOSITE WORKS: with K.W. von Dalla Torre, *Fl. Tirol* 1900-1913, see TL-2/1299.

HANDWRITING: Candollea 33: 163-164. 1978.

Sartorelli, Giovanni Battista (1780-1853), Italian (Trentino) botanist; forestry inspector in Lecco and Bergamo. (*Sartorelli*).

HERBARIUM and TYPES: BASSA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 212 (b. 11 Aug 1780, d. Mar 1853); BL 2: 338, 714; BM 4: 1809; DTS 1: 256; Hortus 3: 1203; PR 8041, ed. 1: 8996-8997; Rehder 5: 760; Saccardo 1: 146, cron. p. xxxii; Tucker 1: 624.

10.309. *Degli alberi indigeni* ai boschi dell'Italia superiore ... Milano (per Ferdinando Baret ...) 1816. Oct. (*Alb. indig.*).
Publ.: 1816, p. [i-vii], [1]-454. *Copies*: FI, G, HH, MO, NY.

Sartori, Franz (1782-1832), Austrian author and naturalist; Dr. med. Wien 1807; with the "k.k. Bücher-Revisionsamt", from 1812-1832 as director; editor of various magazines such as the Annalen der österreichischen Literatur und Kunst, Wiener Literatur-Zeitung, Vaterländische Blätter and Österreichischer Kalender. (*F. Sartori*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1809; Bossert p. 348; PR 8042, ed. 1: 8998; Rehder 1: 439, 5: xxiii; Saccardo 1: 146-147; Tucker 1: 624; WU 28: 252-255 (bibl.).

BIOFILE: Anon., Brit. Mus. gen cat. print. books 213: 361. 1964.
Bamberger, R. & F. Maier-Bruck, Österr. Lex. 2: 1006. 1966.

10.310. *Specimen nomenclatoris plantarum phaenogamarum in Styria* sponte crescentium ... adjunctis annotationibus ... Viennae [Wien] sumtibus Antonii Doll) 1808. Oct. (*Spec. nom. pl. Styria*).
Publ.: 1808, p. [1]-107. *Copies*: G, HH, NY.

Sartori, Joseph (1809-1880), German (Bavarian) botanist; came to Greece as court pharmacist with King Otto, 1833; explored the Greek flora based at Nauplia 1833-1835 and at Athens 1835-1863; ultimately court physician to King Otto; returned to München 1862; close associate of E. Boissier and Th. v. Heldreich. (*Sartori*).

HERBARIUM and TYPES: material at ATHU (in Heldreich coll.), B (mainly destr.), BASSA, BR, FI, G, KIEL, M, MW, P, W. – When leaving Athens in 1862 Sartori left most of his collections at Athens. Many Sartori specimens were distributed by Th. v. Heldreich.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 663; Barnhart 3: 212 (b. 30 Jun 1809, d. 15 Sep 1880); DTS 2(1): 663, 5(2): 85, 12(3): 77; Hortus 3: 1203; Urban-Berl. 391.

BIOFILE: Anon., Bot. Not. 1881: 39; J. Bot. 9: 352. 1880 (obit.); Österr. bot. Z. 12: 410. 1862 (returns to München), 30: 378. 1880 (d.); Bonplandia 10: 368. 1862.
Boissier, E., Fl. orient. 1: xiv. 1867.
Heldreich, Th. v., Bot. Centralbl. 3/4: 1182-1184. 1880 (obit.); Magy. növen. Lap. 4: 144. 1880 (d.).
Landerer, X., Bonplandia 10: 368. 1862 (leaves Greece for political reasons).

Sartorius, Carl [Christian Wilhelm], (later: Carlos] (1796-1872), German (Hessen) farmer and botanist; emigrated to Mexico circa 1825; from 1830 running a farm and distillery at Mirador near Huatusco, Vera Cruz; plant collector and gracious host to many travellers in Mexico; from 1846-1852 in Darmstadt. (*Sartorius*).

HERBARIUM and TYPES: US (orig. herb.); other material at B (mainly destr.), BR, G, GOET, K, L, M (lich.), W.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 348 (b. 31 Aug 1796, d. 16 Jan 1872), Ewan ed. 1: 286; Urban-Berl. p. 391.

BIOFILE: Anon., Bull. Soc. bot. France 18: 238. 1872 (herb. to US).
Candolle, Alph. de, Phyographie 446. 1880.
Langman, I.K., Rev. Soc. mex. Hist. nat. 10: 329. 1949 (biogr., portr.).
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Pferdekamp, W., Auf Humboldts Spuren 153-173, 221. 1958.
Reichenbach, H.G., Bot. Zeit. 30: 509-510. 1872 (obit.).
Sabin, J., Dict. books America 18: 529-530. 1889 (bibl.).
Sartorius, C., Bonplandia 2: 56-60. 1854 ("Bilder aus Mexico").
Schultz, Bipont., C.H., Flora 39: 160. 1856 (has received rich material from Sartorius); Österr. bot. W. 6: 159. 1856 (id.).
Wagenitz, G., Index coll. princ. herb. Gott. 143. 1982.
Zittel, K.A. von, Gesch. Geol. Paläont. 491. 1899.

NOTE: Published e.g. *Mexico als Ziel für deutsche Auswanderung*, Darmstadt 1850 (Spanish transl. Mexico 1852), and *Mexico, Landschafsbilder und Skizzen aus dem Volksleben,*

Darmstadt s.d., translated *Mexico. Landscapes and popular sketches*, New York 1858, London 1859, *reprinted* as *Mexico about 1850*, Stuttgart 1961.

EPONYMY: *Sartorina* R.M. King et H.E. Robinson (1974).

Sartory, Auguste Theodore (1881-1950), French mycologist and bacteriologist; Dr. Sci. Paris 1908; "chargé de cours" École supérieure de pharmacie de Nancy, later "chef du service bactériologique" ib.; associate professor at the École supérieure de Pharmacie de Strasbourg 1919; doyen ib. 1936; id. Clermont-Ferrand 1939-1945 (war-time locations of Strasbourg faculty); professor of microbiology at Strasbourg 1947-1950. (*Sartory*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 212; BM 8: 1140; Hawksworth p. 197; Kelly p. 205-206; Kew 4: 599; LS 23708, 30794, 32045, 32112, 32617, 38488, 38780-38797, 32045, 32112, 32617, suppl. 1572, 1584, 2554, 3994; Stevenson p. 1257; TL-2/see Maire, L.

BIOFILE: Anon., Grand Larousse encycl. 9: 607. 1964.
Poggendorff, J.C., Biogr. lit. Handw.-Buch 6(4): 2286-2287. 1940 (bibl.).
Stein, H., ed., Cat. gén. libr. franç. 26: 740, 28: 476-477. 1924, 29: 852. 1927, 32: 697. 1934.

EPONYMY: *Sartorya* Vuillemin (1927) and the derived genus *Neosartorya* D. Malloch et R.F. Cain (1972) were named for this author and his brother, R. Sartory.

10.311. Serie A. no 561-no d'ordre 1289. Thèses présentées à la Faculté des sciences de l'Université de Paris pour obtenir le grade de docteur ès sciences naturelles par Auguste Sartory ... 1re thèse. – *Influence de l'agitation sur les champignons inférieurs.* 2re thèse. – Propositions données par la Faculté. Soutenues le [13] mars 1908 ... Paris (Imprimerie E. Capiomont et Cie ...) 1908. Oct. (*Infl. agit. champ. inf.*).
Thesis issue: 13 Mar 1908, p. [i-iv], [1]-142, [1, thèses], *pl. 1-20* (of which *pl. 3* col.). *Copy*: FH.
Commerical issue: 1908, p. [i, iii], [1]-142, *pl. 1-20* (id.). *Copy*: FH.

10.312. *Les empoisonnements par les champignons* (été de 1912) ... Paris (Librairie des sciences naturelles Paul Klincksieck ...) 1912. Oct. (*Empois. champ.*).
Publ.: 1912 (Bot. Centralbl. 13 Mai 1913; Nat. Nov. Mar(2) 1913), p. [i]-vi, [1]-53, *pl. 1-6* (col.). *Copy*: FH.

10.313. *Les champignons vénéneux études* historique, botanique et toxicologique ... Nancy (Établissements Albert Barbier ...) 1914. Oct. (*Champ. vénén. étud.*).
Publ.: 1914 (Nat. Nov. Dec 1914), p. [i-iv], [1]-379, [1, err.]. *Copies*: FH, MICH, USDA. – The USDA copy has one page of errata and an undated sticker covering the original imprint: Paris (Librairie médicale et scientifique Émile le François ...). – Bull. Soc. Sci. Nancy ser. 3, vol. 15, 1914.

10.314. *Guide pratique* des principales manipulations *de mycologie parasitaire* à l'usage des pharmaciens. Avec un appendice concernant les champignons supérieurs et un lexique des principaux mots employés en cryptogamie ... Paris (E. le François, ...] [1917]. Oct. (*Guide mycol. paras.*).
Publ.: 1917, p. [i]-vii, [1]-341, [1, colo.]. *Copy*: BR.

10.315. *Synopsis du genre Tricholoma* ... Saint-Nicolas-de-Port (Imprimerie V. Arsant) 1918. (*Syn. Tricholoma*).
Co-author: Louis Maire (1885-?).
Publ.: 1918, cover-t.p., p. [1]-158. *Copies*: BR, FH, MICH, Stevenson, USDA. – The USDA copy has an undated sticker covering the original imprint: Paris (Librairie médicale et scientifique E. le François ...) s.d.

10.316. *Synopsis du genre Collybia.* Document, pour l'encyclopédie du genre. Étude critique (descriptive et histologique). classifications, diagnoses et observations ... Saint-Nicolas-de-Port (Imprimerie V. Arsant) 1918. (*Syn. Collybia*).
Co-author: Louis Maire (1885-?).
Publ.: 1918, cover-t.p., p. [1]-226. *Copies*: FH, MICH, USDA. – The USDA copy has an undated sticker covering the original imprint: Paris (Librairie médicale et scientifique É. le François ...) s.d.

10.317. *Interprétation des planches de J. Bolton* on History of Fungusses vol. i et ii (1788) ... Paris (Librairie médicale et scientifique E. le François ...) s.d. [1919]. (*Interpr. pl. Bolton*).
Co-author: Louis Maire (1885-?).
Publ.: 1919, cover-t.p., p. [1]-116. *Copies*: C, M, MO, USDA. – For J. Bolton, *Hist. fung. Halifax* see TL-2/623. – The imprint on the cover-t.p. cited by us is that of a sticker covering a different imprint.

10.318. *Interprétation des planches de J. Sturm* (Deutschlands Flora) ... Saint-Nicolas-de-Port (Imprimerie V. Arsant) 1920. Oct. (*Interpr. pl. Sturm*).
Co-author: Louis Maire (1885-?).
Publ.: 1920, p. [1]-36. *Copy*: M.

10.319. *Champignons parasites* de l'homme et des animaux... Paris (Lefrançois, éditeur ...) 1920. (*Champ. paras.*).
Publ.: 1920-1949, in 14 parts and 5 supplements. *Copy*: USDA.
1: 1920 (ÖbZ rd Nov-Dec 1920; Nat. Nov. Jul(1, 2) 1920), cover-t.p., [1]-39.
2: 1920, p. [41]-88, *pl. 1-2.*
3: 1921 (Nat. Nov. Jun 1921), p. [89]-173, *pl. 3-4.*
4: 1921, p. [177]-308, *pl. 5-9.*
5: 1921, p. [309]-378, *pl. 10-14.*
6: 1921 (Nat. Nov. Jul 1922), p. [381]-484, *pl. 15-40.*
7: 1922, p. [485]-544, *pl. 41-51* [?-47].
8: 1922, p. [549]-628.
9: 1922, p. [629]-682.
10: 1922, p. [685]-721.
11: 1923, p. [725]-788.
12: 1923, p. [789]-845, *pl. 46-50.*
13: 1923, p. [847]-895.
14: 1923, p. [1]-47 (Table de matières).
Suppl.: 1923, p. [1]-78, *pl. 1-2.*
Suppl. 2: 1927, p. [1]-94, [95] by Sartory and A. Bailly. Paris (Éditions clinique et laboratoire ...) 1927.
Suppl. 3: 1933, p. [1]-159. By A. Sartory with the collaboration of A. Godeau, L. Bailly, R. Sartory and J. Meyer.
Suppl. 4: 1936, p. [1]-183, *pl. 1-15.* By A. & R. Sartory, with the collaboration of A. Godeau, J. Meyer, L. Bailly.
Suppl. 5: 1949, p. [1]-251, *pl. 1-11.* By A. & R. Sartory, with the collaboration of Jacques Meyer and Christiane Dulaurens-Bailly.

10.320. Collection scientifique de Strasbourg. *Les champignons vénéneux* ... Paris (Librairie Le François ...) 1921. (*Champ. vénén.*).
Co-author: Louis Maire (1885-?).
Publ.: 1921 (BR rd 13 Jun 1922; Nat. Nov. Jul 1922), p. [1]-251, *pl.* [*1-10*] (col.; G. Raess). *Copies*: BR, FH, G, MICH, NY, USDA.

10.321. Collection scientifique de Strasbourg ... *Compendium hymenomycetum. Amanita.* Paris (Librairie Le François ...) 1922-1923. Qu. (*Comp. hymen. Amanita*).
Publ.: 1922-1923, in 20 parts, p. [1]-447, *pl. 1-26. Copies*: BR, FH, MICH, MO, PH, USDA.
1: 1922 (Nat. Nov. Jul 1922), p. [1]-25, [27, uncol. plate giving details of the species on

the coloured plate; all col. pl. are accompanied by such uncol. analytical plates included in the pagination], *pl. 12.*
2: 1922 (ÖbZ rd Mai -Sep 1922; Nat. Nov. Jul 1922), p. [29]-50, [51], *pl. 3.*
3: 1922, p. [53]-75, [77], *pl. 6.*
4: 1922, p. [i, note], [79]-98, [99], *pl. 7.*
5: 1922, p. 101-113, *pl. 13, 16.*
6: 1922, p. [115], [117]-133, *pl.5*, [i-iv].
7: 1922, [135]-157, [158], *pl. 9.*
8: 1922, [159]-177, *pl. 1.*
9: 1923, p. [179]-197, [198], *pl. 14*, err. slip.
10: 1923, p. [199]-218, *pl. 15, 26.*
11: 1923, p. [219]-242, *pl. 19.*
12: 1923, [243], 266, *pl. 18.*
13: 1923, p. [267]-294, *pl. 23-24.*
14: 1923, [295]-318, *pl. 2.*
15: 1923, p. [319]-342, [1], *pl. 21.*
16: 1923, p. [343]-366, *pl. 17.*
17: 1923, p. [367]-385, [386], *pl. 25.*
18: 1923, p. [387]-405, [406], *pl. 20.*
19: 1923, p. [407]-426, *pl. 4, 11.*
20: 1923, p. [427]-447, *pl.* [*10*].

10.322. *Synopsis du genre Chitonia*, Fr. ... Strasbourg (Imprimerie Gutenberg) 1923. (*Syn. Chitonia*).
Co-author: Louis Maire (1885-?).
Publ.: 1923, p. [1]-8, *2 pl.* (uncol.). *Copies*: G, M, MO, USDA.

10.323. *Synopsis du genre Inocybe*, Fr. ... [Strasbourg] 1923. (*Syn. Inocybe*).
Co-author: Louis Maire (1885-?).
Publ.: 1923, p. [1]-246, *pl. 1-2* (uncol.). *Copies*: BR, FH, G, M, MICH, MO, USDA.

10.324. *Les mycoses pulmonaires* et leurs parasites (avec quelques généralités sur les champignons inférieurs) ... Paris (Édition clinique et laboratoire ...) 1923. (*Mycoses pulm.*).
Co-author: Amour Bailly.
Publ.: 1923, p. [1]-334, [335], *pl. 1-8* (uncol.). *Copy*: USDA.

10.325. *Synopsis du genre Gomphidius*, Fr. ... s.l.n.d. [Paris 1924]. (*Syn. Gomphidius*).
Co-author: Louis Maire (1885-?).
Publ.: 1924 (Nat. Nov. Mai 1925 as of 1924), p. [1]-23. *Copies*: G, M, MO, USDA.

10.326. *Synopsis du genre Fistulina*, Bull. ... [Strasbourg] 1924. (*Syn. Fistulina*).
Co-author: Louis Maire (1885-?).
Publ.: 1924, p. [1]-16. *Copies*: BR, G, M, MO, USDA.

10.327. *Compendium hymenomycetum* volume ii *Lepiota* [Strasbourg] 1925-1927. Qu. (*Comp. hymen. Lepiota*).
Co-author: Louis Maire (1885-?).
Publ.: 1925-1927, in 11 fasc., p. [1]-511, *pl. 1-4, 4bis, 5-7, 7bis, 8, 8bis, 9, 9bis, 10-11, 11bis, 12. Copies*: BR, FH, G, PH, USDA.
1: 1925, p. [1]-47, *pl. 1* (uncol.).
2: 1925, p. [49]-96, *pl. 2* (to be renumbered 1).
3: 1925, p. [97]-144, *pl. 3.*
4: 1925, p. [145]-192, *pl. 4, 4bis.*
5: 1926, p. [193]-239, *pl. 5.*
6: 1926, p. [241]-285, *pl. 6, 7, 7bis* [287].
7: 1927, p. [289]-334, *pl. 8, 8bis*, [335].
8: 1927 (FH rd 1 Sep 1927), p. [337]-382, *pl. 9, 9bis*, [383].
9: 1927 (FH rd 14 Oct 1927), p. [385]-432, *pl. 10.*
10: 1927 (FH rd 15 Dec 1927), p. [433]-478, *pl.* [*11*], *11bis*, [479].

11: 1927 (FH rd 15 Dec 1927; PH rd 10 Feb 1928; Nat. Nov. Feb 1928), p. [481]-511, *pl. 12*.

10.328. *Les Bolets* Fascicule I (-II) s.l.n.d. [Paris 1931], 2 fasc. (*Bolets*).
Co-author: Louis Maire (1885-?).
Publ.: 1931 (FH rd 2 Mar 1932; Nat. Nov. Jan-Feb 1932 as of 1931, 2 fasc. Half title: *Monographie du genre Boletus*, Dill. *Copies*: FH, G, MO, USDA.
1: p. [1]-303 with cover-t.p. and *pl. 1-3*.
2: p. [305]-512 with cover-t.p.

Sartwell, Henry Parker (1792-1867), American botanist and physician; lic. med. Oneida County Med. Soc. 1811; practicing at New Hartford, New York 1811-1812, after the 1812 war at Springfield, N.Y. and Bethel; ultimately (1832-1867) at Penn Yang, N.Y.; Dr. phil. h.c. Hamilton College, Clinton, N.Y. 1864. (*Sartwell*).

HERBARIUM and TYPES: Hamilton College, Clinton, N.Y., now at NY; further material at BM, CGE, E, F, GH, K, L, LZ (destr.), M (lich.), MASS, MO, NY, NYS, OXF, P,PH, US, WECO, WELC. – *Exsiccatae*: *Carices Americae septentrionalis exsiccatae*, 2 parts, 1848, 1850; sets e.g. at BM, G, NYS (in all 158 numbers). – *Letters* at GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 212 (b. 18 Apr 1792, d. 15 Nov 1867); BL 1: 203, 317; BM 4: 348; Clokie p. 237; DAB 16: 374; IH 1 (ed. 7): 342; Lenley p. 468 (Torrey corr.); ME 1: 227, 2: 60, 3: 451; Tucker 1: 13, 624; Urban-Berl. p. 391.

BIOFILE: Anon., The Democrat (probably of Albany) 22 Nov 1867 (obit.) (cutting at MO); Who was who in America, 1607-1896: 535. 1967.
Barnhart, J.H., *in* H.A. Kelly & W.L. Burrage, Amer. med. biogr. 1019. 1920.
Candolle, Alph. de, Phytographie 446. 1880.
Drake, F.S., Dict. Amer. biogr., suppl. 799. 1872.
J.C., Amer. J. Sci. ser. 2. 65: 129-131. 1853 (rev. of exsiccatae).
Gray, A., Amer. J. Sci. Ser. 2. 45: 121-122. 1868, Sci. pap. 2: 343-344. 1889 (obit.).
Wilson, J.G. & J. Fiske, eds., Appl. Cycl. Amer. biogr. 5: 402. 1888.
Wright, B.H., Memories of local naturalists, Yates County genealogical and historical society also conservation club of Keuka Park, N.Y., publ. 1, s.d., unpaginated [2 p.].

EPONYMY: *Sartwellia* A. Gray (1852).

Sasaki, Syun'iti (1888-1960), Japanese botanist at the Government Research Institute, Formosa (now Taiwan). (*Sasaki*).

HERBARIUM and TYPES: Material at A, K, LA, MO, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 213; BL 1: 122, 317; Hortus 3: 1203; IF suppl. 4: 338; Kew 4: 599; LS 38798; MW p. 427-428 (bibl.), suppl. p. 300 (bibl.); TL-2/5576.

COMPOSITE WORKS: Collaborator, G. Masamune, *Short fl. Formosa* 1936, TL-2/5576.

10.329. *List of plants of Formosa* ... Taihoku (issued by the Natural History Society of Formosa) 1928. (*List pl. Formosa*).
Publ.: 1928 (p. iii: Oct 1928; Nat. Nov. Apr 1930), err. slip, p. [ii*-vii*], i-xxvi, 1-8, 1-562, [563]. *Copies*: HH, MO, NY. – For his 13 "miscellaneous contributions to the flora of Formosa see Trans. nat. Hist. Soc. Formosa 18 (1928)-26 (1936), listed e.g. by MW p. 428.

10.330. *A catalogue of the government herbarium* ... Taihoku (Department of Forestry, Government Research Institute) 1930 [1931]. Oct. (*Cat. govt. herb.*).
Publ.: Mai 1931 (Bot. Mag. Tokyo 45: 261. 1931; US rd 11 Dec 1931; PH rd 10 Dec 1931), p. [i*-ix*],i-vii, [1]-592, [1-4], err. slip. *Copies*: BR, HH, MO, NY, PH, US, USDA. – Issued as Rep. Res. Inst. Formosa no. 9, 1930.

10.331. Report no. 21. *Phytogeographical and floristic studies on* the islandseries [sic] of *Kotosyo*, generally including Kotosyo ... Syo-kotosyo ... and Kwasyo-to ... Part 1. Enumeration of hitherto known indigenous pteridophytes and their geographical distribution ... Taihoku (Department of Forestry, Government Research Institute) 1937. (*Phytogeogr. stud. Kotosyo*).
Publ.: 1937 (p. vii: Sep 1937; US rd 28 Jul 1938), p. [i-ix], [1]-126, 1-18, 1-2. *Copy*: US. – Rep. Dept. For., Res. Inst. Formosa 21.

Sass, Arthur Ferdinand, baron **von** (1837-1870), Estonian (Baltic German) agronomist, land-owner, naturalist and botanist on the Island of Oesel (Saare, Estonia). (*Sass*).

HERBARIUM and TYPES: Unknown. – Letters to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1809; CSP 5: 410, 8: 835-836; Herder p. 201; Lipschitz 417; LS 23709-23710; PR 8043; Rehder 1: 362; TR 1231.

BIOFILE: Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1174. 1898 (bibl.; b. 7 Mar 1837).
Welding, O., ed., et al., Deutschbaltisches biographisches Lexikon 69. 1970 (d. 21 Apr 1871).

10.332. *Die Phanerogamen-Flora Oesels* und der benachbarten Eilande und Beitrag zur Flora der Insel Runoe ... Dorpat [Tartu] (Druck von Heinrich Laakmann) 1860. Qu. (*Phan.-Fl. Oesel*).
Publ.: 12 Nov-31 Dec 1860 (p. [2]: 12 Nov 1860 censor), p. [1]-84. *Copies*: H, NY, USDA. – Preprinted or reprinted from Arch. Nat. Liv-, Ehst-, Kurlands ser. 2. 2: 575-656. 1860.

Sassenfeld, Joseph (*fl.* 1884), German (Prussian Rhineland) botanist at Trier. (*Sassenfeld*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 328; BM 4: 1809; Kew 4: 600.

10.333. *Trierische Flora.* Anleitung zum Bestimmen der Gefässpflanzen im Regierungsbezirk Trier. Zum Gebrauche in Schulen, beim Selbstunterricht und auf Excursionen ... Trier (Fr. Lintz'sche Buchhandlng) 1884. Oct. (*Trier. Fl.*).
Ed. 1: 1884 (Nat. Nov. Aug 1884; Bot. Zeit. 29 Aug 1884; J. Bot. Oct 1884), p. [1]-164. Preceded by Flora von Trier Th. 1, Schulpr. k. Gymnas. Trier 1883, p. 1-16. *Copy*: NSUB. – (Bot. Centralbl. 15-19 Oct 1883; Nat. Nov. Nov(1) 1883).
Ed. 2: 1892 (n.v.).
Ed. 3: Mai-Jun 1903 (p. vi: Apr 1903; Nat. Nov. Jul(1) 1903), p. [i]-viii, [1]-229, [230-231, err.]. *Copy*: G.
Ref.: Roth, E., Bot. Centralbl. 21: 234-235. 1885.

10.334. *Flora der Rheinprovinz.* Anleitung zum Bestimmen der Blütenpflanzen und der Gefässcryptogamen, sowohl der wild wachsenden als der häufig angepflanzten. Zum Gebrauch in Schulen, beim Selbstunterricht und auf Ausflügen ... Trier (Verlag der Fr. Lintz'schen Buchhandlung) 1888. Oct. (*Fl. Rheinprov.*).
Publ.: 1888 (p. iv: 1 Aug 1888; Bot. Centralbl. 22 Oct 1889; Bot. Zeit. 25 Oct 1889; Nat. Nov. Oct(1) 1889), p. [i]-viii, [1]-272. *Copy*: HH.
Ref.: Dennert (Godesberg), Bot. Centralbl. 46: 364-365. 1891 (rev.).

Satow, Ernest Mason (1843-1929), British botanist and diplomat; Japanese secretary to the British legation at Tokyo 1868-1884; minister resident and consul-general at Bangkok 1885-1888; in Uruguay 1888-1893, Marocco 1893-1895; minister plenipotentiary in Tokyo 1895-1900; id. Peking 190-1906; privy councillor from 1906. (*Satow*).

HERBARIUM and TYPES: Unknown; possibly some material at TI.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 213 (b. 30 Jun 1843, d. 26 Aug 1929); BM 4: 1809; DNB 1922-1930: 747-749; Hortus 3: 1203; MW p. 95, 430; Rehder 3: 314; Tucker 3: 269.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1316. 1878.
Anon., Brit. Mus. gen. cat. print. books 213: 448-449. 1964; Cat. gén. livr. Bibl. natl. 163: 459-461. 1943; Who's who (London) 1898-1929; Who was who 3 (1929-1940): 1197-1198.
Satow, E.M., Diplomat in Japan, with introd. by Gordon Daniels, Oxford 1968, 427 p. (orig. ed. 1921; reprint New York 1973).

10.335. *The cultivation of Bamboos in Japan* ... Tokio (The Asiatic Society of Japan) 1899. Oct. (*Cult. Bamboos Japan*).
Publ.: Dec 1899 (date on cover of journal), p. [i*], i-ii, [1]-127, i-vii, *22 pl.* (col.). *Copies*: MO, US. – Issued as Trans. Asiat. Soc. Japan 27(3).
Ref.: Ball, J.D., China Rev., Hongkong 25: 39-47. 1900 (crit. rev.).

Sauer, Friedrich [Fritz] **Ludwig Ferdinand** (1852-?), German (Prussian) botanist ; studied at the Potsdam Gymnasium and the University of Berlin; Dr. phil. Halle 1880. (*Sauer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 87, 317; BM 4: 1810; Jackson p. 508; Kew 4: 601; Rehder 1: 498; Tucker 1: 624.

EPONYMY: *Saueria* Klotzsch (1854) honors F.W.H. Sauer, German horticulturist.

10.336. *Catalogus plantarum in canariensibus insulis* sponte et subsponte crescentium. Dissertatio inauguralis quam ad summos in philosophia honores ab amplissimo philosophorum ordine in Academia fridericiana halensi cum vitebergensi consociata rite impetrandos scripsit Fritz Sauer, potsdamensis. Halis Saxonum [Halle a.S.] (Typis Ploetzianis (R. Nietschmann) 1880. Oct. (*Cat. pl. canar. ins.*).
Publ.: 1880 (Bot. Centralbl. 6-17 Dec 1880; Nat. Nov. Nov(2) 1880), p. [1]-78, [79, vita; b. 24 Nov 1852]. *Copies*: B, BR, G, H, HH, M, MO, NY, USDA.
Ref.: Freyn, J.F., Bot. Centralbl. 7: 105-107. 1881.

Sauerbeck, Friedrich Wilhelm (1801-1882), German (Baden) botanist; "Hofgerichtsrath" (law court official) at Freiburg i.B.; ultimately "Oberlandesgerichtsrath" in Karlsruhe. (*Sauerb.*).

HERBARIUM and TYPES: Sauerbeck's own bryophyte herbarium was acquired by Jean Nicolas Boulay and is now at LILLE; the "Jaeger and Sauerbeck" herbarium is at NY (see under A. Jaeger); further Sauerbeck material is at FI and H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 214 (d. 30 Aug 1882); BM 4: 1810; Morren ed. 10, p. 25; SBC p. 131; TL-2/3263.

BIOFILE: Anon., Bot. Zeit. 37: 600. 1879 (herb. for sale); Flora 62: 431-432. 1879 (phan. herb. for sale); Rev. bryol. 9(6): 96. 1882 (d. 30 Aug 1882, Freiburg i.B.), 11(1): 2. 1884 (d.); 12(6): 95. 1885 (moss and hepat. herb. acquired by L. Boulay).
Geheeb, A., Flora 68: 15-16. 1885 (herb. for sale).
Lamy, D., Occas. Pap. Farlow Herb. 16: 120. 1981 (Boulay acquired S. herbarium).
Sauerbeck, F., Bot. Zeit. 37: 600. 1879 (various parts of his herbarium [non-musci] offered for sale); Rev. bryol. 12(1): 16. 1885 (moss herbarium for sale, 2582 species, 5572 specimens; hepatics herb. id. 288 species, 758 specimens).
Sayre, G., Bryologist 80: 517. 1977 (bryoph. at H-BR).

COMPOSITE WORKS: see under A. Jaeger, *Gen. sp. musc.* 1870-1879, Sauerbeck in part editor and co-author. TL-2/3263.

Saunders, Charles Francis (1859-1941), American botanist; educated at Friend's Central High School, Philadelphia; after graduation (1875) employed at the office of a Philadelphia shipping firm; moved to California 1904; enthusiastic amateur botanist. (*C.F. Saunders*).

HERBARIUM and TYPES: PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 214 (b. 12 Jul 1859, d. 1 Mai 1941); BL 1: 159, 317; Bossert p. 349; Kew 4: 601; Langman p. 675; NI 1730; PH p. 523 [index]; Rehder 1: 317, 3: 338; Tucker 3: 269.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 213: 540-541. 1964; Who's who in America 8: 2054. 1914-1915, 9: 2156. 1916-1917, 10: 2379. 1918-1919, 12: 2714-2715. 1922-1923, 13: 2814. 1924-1925, 14: 1680. 1926-1927, 15: 1833. 1928-1929, 17: 2020. 1932-1933, 18: 2084. 1934-1935, 19: 2142. 1936-1937, 20: 2185. 1938-1939, 21: 2268. 1940-1941, 22: 1923. 1942-1943; Who was who in America 1: 1080. 1968.
Clute, W.N., ed., Amer. bot. 47: 92-93. 1941 (obit.).
Lenz, L.W., Aliso 9: 8. 1977.
Mears, J.A., Proc. Acad. nat. Sci. Philadelphia 133: 161. 1981 (coll. PH).
Marquis, A.N., ed., Who's who in America 8: 2054. 1914-1915, 18: 2034. 1934, 19: 2142. 1936.
Pennell, F.W., Bartonia 22: 20. 1943 (obit.).
Saunders, C.F., Under the sky in California, New York 1913 (repr. 1919), 299 p.
W.N.C. [Clute], Fern Bull. 10: 77. 1942 (obit., portr.).

10.337. *With the flowers and trees in California* ... New York (McBride, Nast & Company) 1914. Oct. (*Fl. trees Calif.*).
Ed. [*1*]: Sep 1914 (p. [iv]: Sep 1914; Nat. Nov. Dec 1914), frontisp., p. [i-xv], [1]-286, *27 pl.* (4 in col. by Elisabeth Hallowell Saunders) *Copies*: MICH, USDA.
Reprint (*1*) Apr 1919, frontisp., p. [i-xv], [1]-286, *27 pl.* (id.). *Copy*: NY.
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Publ.: 1917, p. [i-vii], [1]-286, 250 col. ills. *Copies*: HH, USDA.
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10.338. *Useful wild plants* of the United States and Canada ... New York (Robert M. McBride & Co.) 1920. Oct.
Ed. [*1*]: Apr 1920 (fide 1926 ed., GH rd 4 Jun 1920), frontisp., p. [i-xii], 1-275, *15 pl. Copy*: HH.
Revised ed.: Jan 1926, frontisp., p. [i-xii], 1-275, *15 pl. Copy*: HH.

Saunders, De Alton (1870-1940), American botanist; MA Univ. Nebraska 1894; professor at South Dakota College 1896; plant breeder with USDA 1897; with E.H. Harriman on the Alaska 1899 expedition. (*D.A. Saunders*).

HERBARIUM and TYPES: Some material at E (algae), FH (algae), NEB, NY, SDC. – 16 letters to W.G. Farlow at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 214 (b. 13 Jun 1870); BL 1: 214, 317; BM 4: 1810, 8: 1141; Bossert p. 349; Ewan ed. 1: 298, ed. 2: 193; Kew 4: 601; LS 38800; NAF ser. 2. 6: 74; Norstedt p. 28; Rehder 1: 327; Tucker 1: 624, 3: 269.

BIOFILE: Anon., Amer. men Sci. ed. 1: 279. 1906, ed. 2: 409. 1910, ed. 3: 599. 1921; Who's who in America 1899-1900: 632, 1901-1902: 990; Who was who in America 5: 634. 1969-1973.
Ewan, J. et al., Leafl. W. Bot. 7: 73. 1953; Short hist. coll. U.S. 76. 1969.
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EPONYMY: *Saundersella* H. Kylin (1940).

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Authorship: Introduction by Charles E. Bessey, p. [1]-12; part i by De Alton Saunders, p. 13-68, *pl. 1-22*; part ii by A.F. Woods, p. [117]-128, *pl. 23-36*.
Publ.: 15 Aug 1894, p. [1]-68, *pl. 1-23*, [117]-128, *pl. 23-36*. *Copies*: BR, HH.
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Publ.: Apr 1899, p. [i-ii], [101]-227, [229-230, err.]. *Copies*: FI, HH, MICH, MO, NY, USDA. – Issued as Bull. U.S. Exp. Sta. South Dakota 64: [101]-227, [229-230, err.]. 1899.

Saunders, Edith Rebecca (1865-1945), English botanist (floral anatomist and geneticist), lecturer and research botanist at Newnham College, Cambridge 1889-1925, director of Balfour Laboratory, Newnham College. (*E.R. Saunders*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 214 (b. 14 Oct 1865, d. 6 Jun 1945); BFM 2440; Biol.-Dokum. 15: 7864; BJI: 50; Bossert p. 349; CSP 18: 457; Desmond p. 543; Langman p. 675.

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10.343. *Floral morphology* a new outlook with special reference to the interpretation of the gynaeceum ... Cambridge (W. Heffer & Sons Ltd.) [1937-1939] 2 vols. Oct. (*Fl. morph.*).
1: 1937 (p. vi: Apr 1937), p. [i]-viii, 1-132.
2: 1939 (p. vii: Jan 1939; Nat. Nov. Jan-Feb 1940), p. [i]-xiv, 133-609, [i]-vii.

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Ref.: Turrill, W.B., Bull. misc. Inf. Kew 1937: 400-401 (rev.).

Saunders, James (1839-1925), English botanist and geologist, and straw-hat and bonnet manufacturer at Luton. (*J. Saunders*).

HERBARIUM and TYPES: LTN; other material in AK, BFD, BM, K (Chara), MANCH, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 214; BB p. 269; BL 2: 228, 714; BM 8: 1141; Bossert p. 349; Clokie p. 237; CSP 12: 650, 18: 458; Desmond p. 544 (b. 30 Mar 1839, d. 17 Apr 1925); LS 23714-23718, 38801, suppl. 24263-24264.

BIOFILE: Anon., Bot. Soc. Exch. Cl. Brit. Isl. Rep. 7(5): 856-857. 1926; Hedwigia 66: (55). 1926 (d.).
Dony, J.G., Bedfordshire Natural. 1947: 58-61. 1938 (biogr., bibl.); Fl. Hertfordshire 16-17. 1967.
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Publ.: 1914, p. [i]-iv, [v-vi], [1]-91. *Copy*: USDA.

Saunders, William (1822-1900), Scottish horticulturist; Kew gardener; to the U.S.A. 1848; partner of T. Meehan 1854; naturalized U.S. citizen 1857; botanist and superintendent of horticulture USDA, Washington 1862; planned Fairmount Park, Philadelphia; introduced the seedless (navel) orange into the United States. (*W. Saunders, U.S.A.*).

HERBARIUM and TYPES: Some material at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 215; Bossert p. 350; CSP 18: 459; Desmond p. 544 (b. 7 Dec 1822. d. 11 Sep 1900); Kew 4: 603; Lenley p. 360; LS 23719; Morren ed. 10, p. 116; Rehder 5: 760; Tucker 1: 624.

BIOFILE: Anon., Amer. Gardening 15 Sep 1900, p. 616 (obit.); Meehan's Mon. 9: 15. 1899 (portr.), 10: 158. 1900 (d.); Natl. cycl. Amer. biogr. 10: 409. 1909; Yearb. U.S. Dept. Agric. 1900: 625-630 (obit., portr.).
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10.345. *Descriptive catalogue of plants* in the exotic collection of the Department of Agriculture ... Washington (Government Printing Office) 1872. Oct. (*Descr. cat. pl.*).
Publ.: 1872, p. [1]-51. *Copy*: USDA.

10.346. U.S. Department of Agriculture. *Catalogue of economic plants* in the collection of the U.S. Department of Agriculture ... Washington (Government Printing Office) 1891. Oct. (*Cat. econ. pl.*).
Publ.: 1891 (p. 3: 5 Jun 1891), p. [1]-42. *Copies*: MO, USDA.

Saunders, William of Canada (1836-1914), English-born botanist and agricultural scientist; to Canada 1848; active as industrial pharmacist, entomologist and plant breeder; owner of a private experimental farm from 1868; professor of materia medica Western Univ., Ontario 1882-1886; director Experimental Farms Canada, 1886-1911; originated the work which led to the development by his son, Charles Edward, of the Marquis wheat; LL.D. Queen's (Can.) 1896, id. Toronto 1903.(*W. Saunders, Can.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 215 (b. 16 Jun 1836, d. 13 Sep 1914); BL 1: 143, 317; BM 8: 1141; CSP 5: 412, 12: 650, 651, 18: 459; DNB 17: 820-821; Desmond p. 544; LS 38802-38803; Rehder 5: 766; Tucker 1: 624-625.

BIOFILE: Anon., Amer. men sci. ed. 1: 279-280. 1906; Canad. Entomologist 27(8): 197. 1895 (portr., tribute); Encycl. canad. 237. 1972; Entom. News 25(10): 480. 1914 (d.); J. Amer. Pharm. Ass. 3(12): 1623-1624. 1914 (d., portr.); Proc. Trans. R. Soc. Canada ser. 3. 9: viii-x. 1916 (obit.); Who's who London 1909-1915; Who was who 1897-1915: 629. 1935.

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Bethune, C.J.S., *in* L.H. Bailey, Standard Cycl. Hort. 2: 1595. 1939.

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COMPOSITE WORKS: (1) Editor, *Canadian Entomologist* 6-18, 1874-1886.
(2) Co-founder, Entomological Society of Ontario; charter member Royal Society of Canada.

10.347. Central Experimental Farm, Department of Agriculture. *Catalogue of the trees and shrubs* in the arboretum and botanic garden at the Central Experimental Farm, Ottawa, Ontario, Canada ... Ottawa (Government Printing Bureau) 1899. Oct. (*Cat. trees shrubs*).
Co-author: William Tyrrell Macoun (1869-1933).
Publ.: Jun 1899 (p. [3]: 20 Jun 1899), frontisp., [1]-88. *Copy*: USDA. – Issued as Bull. no. 2, ser. 2. Jun 1899, Central Experimental Farm, Ottawa.

10.348. Department of Agriculture Central Experimental Farm, Ottawa, Canada. *Trees and shrubs* tested in *Manitoba* and the North-West Territories ... Ottawa (Published by direction of ... Minister of Agriculture) 1904. Oct. (*Trees shrubs Manitoba*).
Publ.: 29 Jun 1904 (p. [3]: 29 Jun 1904), p. [1]-48, *pl. 1-6. Copy*: MO. – Issued as Bull. 47, Central Exp. Farm, Ottawa.
Ed. 2: Nov 1910, p. [1]-48, *pl. 1-6. Copy*: MO. – Id.

Saunders, William Wilson (1809-1879), English botanist, horticulturist and entomologist; with the East India Company 1830-1832; underwriter at Lloyds, London 1832-1873; treasurer Linnean Society, London 1861-1873; had large living collections of

plants at East Hill, Wandsworth, from 1857 at Hallfield, Reigate; from 1874 in retirement at Raystead, Worthing. (*W.W. Saunders*).

HERBARIUM and TYPES: OXF. – Further material in B (mainly destr.), BM, E (ex herb.), K (ex herb.), L, P, RTE. – Letters at Kew; drawings of fungi at BM; library sold by auction (1873); Smithsonian Archives SIA 7112.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 567; Barnhart 3: 215; BB p. 269; BM 4: 1811; Clokie p. 238; CSP 5: 412, 6: 753, 8: 837, 11: 289; Dawson p. 544 (b. 4 Jun 1809, d. 13 Sep 1879); DNB 51: 311-312 (17: 820-821); GF 75, 85; Herder p. 475; Jackson p. 118, 244; Kelly p. 206; Kew 4: 603; Langman p. 675; LS 23720; NI 1690, 1731, 2378, see also 1: 128, 132-134; PR 8047; Rehder 5: 760; Stevenson p. 1257; TL-2/see J.G. Baker, W.H. Fitch; Tucker, 1: 625; Urban-Berl. p. 391; Zander ed. 11, p. 766.

BIOFILE: Anon., Amer. Natural. 13: 748. 1879 (d.); Bot. Zeit. 37: 744. 1879 (d.); Brit. Mus. gen. cat. print. books 213: 586-587. 1955; Bull. Soc. bot. France 26 (bibl.): 190. 1879 (obit.); Deut. entom. Z. 23: 8. 1879 (d.); Entom. mon. Mag. 16: 119-120. 1879 (obit.); Flora 46: 208. 1863 (succeeds J. Lindley as secr. Hort. Soc. Lond.); Gard. Chron. 1871: 136-137 (portr., obit.); J. Bot. 9: 191. 1871, 17: 320. 1879 (obit.); Le Naturaliste 1: 111. 1879 (d.); Nature 20: 836-837. 1879 (obit.); Nat. Nov. 1: 190. 1879; Rev. hort. Belge étrang. 6: 127. 1880; Trans. Entom. Soc. London 1879: lxvi-lxvii (obit.); Zool. Anzeiger 2: 576. 1879 (d.).
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EPONYMY: *Saundersia* H.G. Reichenbach (1866).

10.349. *Refugium botanicum*; or, figures and descriptions from living specimens, of little known or new plants of botanical interest. Edited by W. Wilson Saunders, ... the descriptions by H.G. Reichenbach, ... J.G. Baker, ... and other botanists. The plates by W.H. Fitch ...London (John van Voorst, ...) [1868-]1869-1873. 5 vols. Oct. (*Refug. bot.*).

Authorship: John Gilbert Baker (1834-1920), descriptions of living plants except Orchids; Heinrich Gustav Reichenbach (1824-1889) descriptions of Orchids; Walter Hood Fitch (1817-1892) figures and dissections. "And other botanists" appears only on the t.p. of vol. 1.

Publ.: 5 vols. of 3 parts each; *24 plates* per part; text of plates dated; accompanied by text. *Copies*: BR, E, FI, G, M, MICH, MO, NY, US.

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2: 1872 (t.p.), p. [i, iii], *pl. 73-144*, id.

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4: 1871 (t.p.), p. [i-v], *pl. 217-288*, id.

5: 1873 (t.p.), p. [i], *pl. 289-360*, id., [i].

vol.	part	*plates* and text	dates on *pl.* and covers
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	2	*25-48*	Aug 1868
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Vol. 2(3): Bot. Centralbl. 16-20 Oct 1882; Bot. Zeit. 27 Oct 1882.
Ref.: Bary, A. de, Bot. Zeit. 28(1): 12-13. 7 Jan 1870 (rev. vol. 1).

10.350. *Mycological illustrations* being figures and descriptions of new and rare hymenomycetous fungi. Edited by W. Wilson Saunders, ... and Worthington G. Smith, ... assisted by A.W. Bennett. London (John van Voorst, ...) 1871-1872, 2 parts. Oct. †. (*Mycol. ill.*).
Co-editor: Worthington George Smith (1835-1917); assisted by Alfred William Bennett (1833-1902).
1: Mai 1871, cover, *pl.1-24*, with text (col. liths. by Saunders and Smith).
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Copies: G, MICH, MO, NY, PH, Stevenson, USDA.
Ref.: F.C., J. Bot. 9: 222. 1871 (rev.).

Saupe, Karl Alwin (1861-?), German (Saxonian) botanist; Dr. phil. Leipzig 1887. (*Saupe*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 215 (b. 9 Apr 1861); CSP 18: 459; Rehder 2: 320.

10.351. *Der anatomische Bau des Holzes der Leguminosen* und sein systematischer Wert. Inaugural-Dissertation der Hohen Philosophischen Facultät der Universität Leipzig zur Erlangung der Doctorwürde ... Regensburg (Druck der F.H. Neubauer'schen Buchdruckerei (F. Huber)). 1887. Oct.
Publ.: 11 Jun-21 Jul 1887 (in journal), p. [1]-52, [53, vita]. *Copies*: G, NY, REG. – Reprinted and to be cited from Flora 70: 259-268. 11 Jun, 275-282. 21 Jun, 295-306. 1 Jul, 307-316. 11 Jul, 323-335. 21 Jul 1887.

Saussure, Horace Bénédict de (1740-1799), Swiss (Genève) naturalist; professor of philosophy at Genève 1762-1786; travelled extensively in the Alps and other parts of Central and Southern Europe between 1758 and 1779, especially interested in geology and meteorology; ascended Mont Blanc 1787. (*Saussure*).

HERBARIUM and TYPES: G (see Briquet 1940); other material at BM.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 53; Backer p. 513; Barnhart 3: 215 (b. 17 Feb 1740, d. 22 Jan 1799); BM 4: 1812, 8: 1142; Bossert p. 350; CSP 5: 414, 18: 460; Dawson p. 733-734; DSB 12: 119-123. 1975 (A.V. Carozzi); Moebius p. 456; PR 8049-8050, ed. 1: 2105, 2474-2477, 9568; Quenstedt p. 376; Ratzeburg p. 450-451; Rehder 1: 129, 433; Saccardo 1: 147, 2: 97; Tucker 1: 625.

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EPONYMY: (genera): *Saussuria* Moench (1794, *nom. rej.*); *Saussurea* A.P. de Candolle (1810, *nom. cons.*, also honors N.T. Saussure, *q.v.*); *Saussurea* sect. *Benedictia* A.P. de Candolle (1837); (journal): *Saussurea*, travaux de la Société Botanique de Genève. Vol. 1-x, 1970-x (also honors N.T. Saussure, *q.v.*).

10.352. *Observations sur l'écorce des feuilles et pétales.* À Genève 1762. Duod. (*Observ. écorce feuill.*).

Publ.: 1762(p. x: 1 Nov 1762), p. [i]-xxiii, [xxiv], 1-102, [103]. *Copies*: C, G, MO, NSUB, NY.

10.353. *Voyages dans les Alpes*, précédés d'un essai sur l'histoire naturelle des environs de Genève ... Neuchatel (chez Samuel Fauche, ...) 1779-1796. Qu. (*Voy. Alpes*).
Quarto ed.: 1779-1796. *Copies*: G, PH.
1: 1779 (p. xx: 28 Nov 1779; Saussure sent a copy to Joseph Banks on 4 Feb 1780), p. [i*-iv*], map, [i]-xxxvi, [1]-540, *pl. 1-8* (uncol. copp.).
2: 1786 (p. iv: 4 Apr 1786), p. [i*-iii*], [i]-xvi, map, [1]-641, *pl. 1-6*. – Genève (chez Barde, Manget & Compagnie ...).
3: 1796, p. [i*-iii*], [i]-xx, [1]-532, [533-534], *pl. 1-2*. – Neuchatel (chez Samuel Louis Fauche-Borel).
4: 1796, p. [i-vi], [1]-594, [595-596], *pl. 1-5*. – Neuchatel (id.).
Octavo ed.: 1780-1796, 8 vols. *Copy*: PH.
1: 1780, p. [i*-iii*], i-xxiv, map, [1]-367, *pl. 1*.
2: 1780, p. [1]-893, *pl. 1-8*.
3: 1786, p. [i*-iii*], [i]-iv, [1]-411, *1 pl.*
4: 1786, p. [i-iii], [1]-484, *pl. 1-6*.
5: 1796 (p. xiii: 20 Nov 1795), p. [i*], [i]-xvi, [1]-496.
6: 1796, p. [i], [1]-368, [369-371].
7: 1796, p. [i], [1]-528 [529-531].
8: 1796, p. [i], [1]-450, *pl. 1-5*.
German translation: 4 parts, 1781-1788. *Copy*: NY. – "*Reisen durch die Alpen*, nebst einem Versuche über die Naturgeschichte der Gegenden von Genf. Aus dem Französischen übersetzt und mit Anmerkungen bereichert ... Leipzig (bey Johann Friedrich Junius) 1781-1888. Oct.
1: 1781 (p. iv: 14 Apr 1781), p. [i]-iv, map, [v]-xxvi, [xxvii-xxviii], [1]-298, *pl. 1-2*.
2: 1781 (p. x: 2 Aug 1781), p. [i]-x, [xi-xii], [1]-327, *pl. 3-8*.
3: 1787 (p. vii: 4 Apr 1786), p. [i]-iv, map, v-viii, [1]-310, *pl. 1-2*.
4: 1788, p. [i-iv], [1]-433, *pl. 3-6*.

Saussure, Nicolas Théodore de (1767-1845), Swiss (Genève) botanist and chemist, son of Horace Bénédict de Saussure; scientist of independent means dedicating himself entirely to his research. (*N.T. Saussure*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1812; CSP 5: 414-415; DSB 13: 123-124; Frank 3 (Anh.): 88; Hegi 6(2): 835; Herder p. 475; LS 23721-23722; PR 8051-8052; Ratzeburg p. 451.

BIOFILE: Anon., Amer. J. Sci. ser. 2. 2: 145. 1846 (d.); Encycl. brit. ed. 11. 24: 238-239. 1911; Grande diz. enc. Utet 16: 732. 1971; Great Soviet Encycl. 24: 199. 1980; Index biogr. Acad. Sci., Paris 458. 1954; Schweiz. Lex. 6: 847. 1948.
Briquet, J., Bull. Soc. bot. Suisse 50a: 425-428. 1940 (biogr., bibl., sources).
Candolle, A.P. de, Mém. Soc. Phys. Genève 5: 47-48. 1830 (bibl.); Mém. souvenirs 287, 343, 362, 477, 517. 1862.
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EPONYMY: (genera): *Saussurea* A.P. de Candolle (1810, *nom. cons.*, also honors H. Saussure., *q.v.*); *Saussurea* sect. *Theodorea* A.P. de Candolle (1837); (journal): *Saussurea*,

travaux de la Société botanique de Genève, Vol. 1-x, 1970-x (also honors H.B. Saussure, *q.v.*).

Sauter, Anton [Eleutherius] (1800-1881), Austrian botanist and physician at Salzburg; Dr. med. Wien 1826; physician in the St. Johannes hospital at Salzburg 1826-1828; practicing physician at Kitzbühel 1828-1830; at Bregenz (city physician) 1830-1831; regional physician at Zell am See 1831-1836, in Mittersill 1836-1839, Reid 1839-1840 and from 1840-1848 in Steyr; from 1848-1871 regional physician at Salzburg. (*Saut.*).

HERBARIUM and TYPES: Museum f. Naturk. Salzburg (see ÖbZ 75: 194-195); BREG. – Further material at BM, BR, C, E, FI, GFW, GLM, GOET, H, H-SOL, HAL, IBF, JE, KIEL, L, LI, M, MW, REG, SAM, SZB, W, WAG, WRSL (these collections may include those by Andreas and Ferdinand Sauter, see *Note*, below).

NOTE: A.E. Sauter's brother, Andreas Sauter (b. 20 Aug 1802, d. 15 Jul 1872) was also an active botanist, forester at Zirl, Bozen and Ried, ultimately "Bergrath" in Hall. Andreas S. distributed exsiccatae, e.g. *Decaden getrockneter Alpenpflanzen* and *Flora tirolensis exsiccata alpina atque subalpina* dec. 1-6, 1830-1833. Ferdinand Sauter (b. 14 Dec 1835) was a son of A.E. Sauter; he was also a practicing physician and an active botanist who collected widely in Tirol and was especially interested in Bryophyta. The present data in the Index herbariorum files do not allow us to differentiate between the three Sauters in the listing of holdings by herbaria.

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BIOFILE: Anon., Bonplandia 4: 134. 1856, 8: 34. 1860; Bot. Not. 1882: 30 (d.); Bot. Zeit. 39: 392. 1881 (d.), 6: 96. 1848 (app. Salzburg); Bull.Soc. bot. France 28 (bibl.): 139. 1881; Flora 7: 607. 1824, 14: 133-137. 1881 (on exsicc. Andreas S.), 16: 236-238. 1833 (id.), 31: 118. 1848 (to Salzburg), 46: 272. 1863, 64: 160. 1881 (d.); Hedwigia 20: 64. 1881 (d.); J. Bot. 19: 192. 1881 (d.); Leopoldina 17: 156. 1881 (obit.); Mitt. Ges. Salzb. Landesk. 21(2): 229-234. 1881 (n.v.); Nat. Nov. 3: 71. 1881 (d.); Österr. bot. Z. 31: 170. 1881 (d.), 75: 194-195. 1926 (herb. is in the Botanical Department of the Salzburg Museum für darstellende und angewandte Naturkunde).
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Sauter, A.E., Flora 32: 560. 1849 (offers exsiccatae); Fl. Herzogth. Salzburg 1: 5. 1866 (autobiogr. note).
Sayre, G., Bryologist 80: 517. 1977 (bryoph. coll.).
Schiedermayr, K.B., Österr. bot. Z. 27: 1-6. 1877 (biogr., portr., bibl.).
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Schultz Bipont., C.H., Flora 19: 114-126, 134-141. 1836 (on exsicc. distr. by Andreas Sauter).
Wagenitz, G., Index coll. princ. herb. Gott. 143. 1982.

Wittrock, V.B., Acta Horti Berg. 3(2): 85. 1903, 3(3): 70. 1905.

EPONYMY: *Sauteria* C.G.D. Nees (1838).

10.354. *Dissertatio inauguralis geographico-botanica de territorio vindobonensi.* Quam consensu et auctoritate excellentissimi ac illustrissimi domini praesidis et directoris, perillustris ac spectabilis domini decani nec non clarissimorum d.d. professorum, pro doctoris medicinae laurea rite obtinenda in antiquissima ac celeberrima Universitate vindobonensi publicae disquisitioni submittit Anton. Eleuth. Sauter, ... in theses adnexas disputabitur in Universitatis aedibus die [ ] Augusti anni mdcccxxvi. Vindobonae [Wien] (Typis Antonii de Haykul) 1826. Oct. (*Diss. geogr.-bot. vindob.*).
Publ.: Aug 1826 (date promotion; p. x: 26 Jul 1826; Flora rd 28 Jun 1827), p. [i]-x, [1]-48, [49-50]. *Copies*: G, NY. – Other t.p.: "*Versuch einer geographisch-botanischen Schilderung der Umgebungen Wiens.* – For a bibliographical analysis see MD p. 212.

10.355. *Flora des Herzogthumes Salzburg.* I. Allgemeiner Theil ... Sonder-Abdruck aus den im Selbstverlage der Gesellschaft für Salzburger Landeskunde erschienenen Mittheilungen. vi. Band, 1866. Salzburg (Druck der Endl & Penker'schen Buchdruckerei) 1866. Oct. (*Fl. Herzogth. Salzburg*).
1, Allgemeiner Theil: 1866 (p. [1]: 1 Jun 1866; Bot. Zeit. 12 Oct 1866; Flora Dec 1866), p. [i], [1]-66, [67-68]. Reprinted from Mitt. Ges. salzb. Landesk. 6: 169-234. 1866 (journal isses seen by G. Wagenitz).
2, Die Gefässpflanzen: 1868 (Bot. Zeit. 30 Apr 1869, Flora rd 21 Jan 1869), p. [i], [1]-203. – Id. 8: 81-283. 1868. *Nachträge* zum 1. und 2. Theil ... ib. 12: 431-432. 1872.
3, Die Laubmoose: Mai 1870 (NY copy mailed from Salzburg Sep 1870; Flora rd 8 Mai 1870; Hedwigia Jun 1870), p. [1]-83, [1, err.], [1]-7, Nachtr. Id. – 10: 25-102, [1]. 1870, Nachtr. 20(2): 213-219. 1880.
4, Die Lebermoose: 1871 (Flora rd 18 Aug-14 Oct 1871; Hedwigia Oct 1871), p. [1]-37. Id. 11: 3-37. 1871.
5, Die Flechten: 1872 (Grevillea Sep 1872; Bot. Zeit. 12 Jul 1872; Flora received 21 Jul-21 Aug 1872; Hedwigia Jul 1872), p. [1]-116. Id. 12: 63-176. 1872.
6, Die Algen: 1873 (Flora 11 Jan 1874; Hedwigia Jan 1874). Id. 13: 17-28. 1873. Nachtr. 14: 74-76. 1874.
7, Die Pilze: 1879 (Flora 21 Dec 1878; ÖbZ 1 Apr 1879; Nat. Nov. Mar(2) 1879; Hedwigia Apr 1879), p. [1]-87 in id. 19: [99]-184. 1879.
Nachtr. Bericht: in id. 20: 213-219. 1880 (seee below vol. 3), 7 p. (ÖbZ 1 Jun 1881; Bot. Zeit. 25 Feb 1881; Hedwigia Dec 1880). *Copies*: BR, FH, G, MO, NY.
Ed. 2: Gefässpflanzen: 1879 (ÖbZ 1 Aug 1879;; Bot. Zeit. 27 Aug 1880; Nat. Nov. Jun(1) 1879; Bot. Zeit. 4 Jul 1879; Flora 11 Sep 1879), p. [i]-x, [1]-155. *Copies*: G, M. – "*Flora der Gefässpflanzen des Herzogthums Salzburg.* Verzeichniss der im Herzogthume Salzburg aufgefundenen wilden, verwilderten und häufig kultivirten Gefässpflanzen, geordnet nach De Candolle's und Endlicher's natürlichem Systeme, mit Angabe der Vorkommensverhältnisse und bei nicht gemeinen der Standorte zum Behufe botanischer Ausflüge ... zweite vermehrte Auflage." Salzburg (Verlag der Mayrischen Buchhandlung) 1879. Oct.
Precursor, Flora von Salzburg, in Franz Storch, *Skizzen zu einer naturhistorischen Topographie des Herzogthumes Salzburg*, 1875, also as *Die Vegetationsverhältnisse des Kronlandes Salzburg*, Abth. iii.
Ref.: Arnold, F.C.G., Flora 56: 474-477. 1873 (rev. vol. 4).
Freyn, J.F., Bot. Centralbl. 1/2: 466. 12-16 Apr 1880 (rev. ed. 2).
Molendo & Lorentz, Flora 50: 84-89, 106-112. 1867 (rev. vol. 1).
Reichardt, H.W., Österr. bot. Z. 16: 395-396. 1866 (rev. vol. 1), 29: 132-133. 1879 (rev. vol. 9).

10.356. *Beiträge zur Pilzflora des Pinzgaues* [Salzburg 1866]. Oct.
Publ.: 1866 (Bot. Zeit. 11 Mai 1866), p. [1]-14. *Copy*: FH. – Reprinted and to be cited from Mitt. Ges. salzb. Landesk. 6: 41-54. 1866. See also Flora 24: 305-320. 1841.
Ref.: Milde, J., Bot. Zeit. 24: 150. 11 Mar 1866.
Molendo & Lorentz, Flora 50: 84-89, 106-112. 1867.

Sauvage, Charles [Philippe Felix] (1909-1980), French botanist; studied at the École normale supérieure and the Faculté des Sciences, Paris; assistant for botany at the École normale supérieure 1935-1938; head of the Laboratory for phanerogamy of the Institut scientifiqiue chérifien, Rabat, Marocco, 1939-1962; director ib. 1960-1962; professor of botany (titular) at the Université des Sciences du Languedoc, Montpellier, 1962-1965; director of the Institut de botanique Montpellier 1965-1969; director of the Centre d'études phytosociologiques ib. 1969-1974. (*Sauvage*).

HERBARIUM and TYPES: RAB and MPU; duplicates e.g. at BR.

BIBLIOGRAPHY and BIOGRAPHY: IH (ed. 1): 82, (ed. 2): 102, (ed. 3): 129, (ed. 4): 143, 2: (files); Roon p. 99.

BIOFILE: Anon., Taxon 29: 701. 1980 (b. 14 Aug 1909, d. 13 Jun 1980); Who's who in France (Qui est qui en France), ed. 8: 1261-1262. 1967-1968, ed. 9: 1311. 1969-1970, ed. 10: 1417. 1971-1972.
Granel de Solignac, L. & L. Bertrand, Naturalia monsp., Bot. 18: 285. 1967 (coll. MPU).
Sauvage, C., Information sent to the senior author 8 Sep 1956 (files I.A.P.T.; bibl.).
Sauvage, C. & J. Vindt, Taxon 2: 7-9. 1953 (plan for *Flore du Maroc*, 1953-x).

Sauvageau, Camille [François] (1861-1936), French botanist; studied at Montpellier (lic. sci. nat. 1884, agrégé 1884); assistant to Charles Flahault, Montpellier 1884-1888; high school teacher at Bordeaux 1884-1885; worked with P. van Tieghem, Paris 1885-1891; Dr. Sci. Paris 1891; lecturer Fac. Sci. Lyon 1892; professor at the Faculté des Sciences, Lyon 1892; id. Bordeaux 1901-1932; prix Montagne 1915. (*Sauv.*).

HERBARIUM and TYPES: PC; further material at AHFH, BM, C, K, L. – 33 *letters* to W.G. Farlow at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 215 (b. 12 Mai 1861, d. 5 Aug 1936); BM 4: 1814, 8: 1142; Bossert p. 350; CSP 18: 462-463; De Toni 4: xlix-l; DSB 12: 124-126 (J. Feldmann); Hirsch p. 260; Hortus 3: 1203; IH 1 (ed. 3): 119, (ed. 6): 364, (ed. 7): 342, 2: (files); Kew 4: 604; Langman p. 675; LS 23742-23747, 27802-27809, 38808-38809; Moebius p. 88, 89, 90; Nordstedt p. 28, Rehder 5: 761; Stevenson p. 1257; Tucker 1: 625.

BIOFILE: Anon., Bot. Centralbl. 52: 287. 1892 (app. Lyon), 117: 96. 1911 (prix Desmazières), 128: 112. 1915 (prix Montagne); Bull. Soc. bot. France 39 (bibl.): 192. 1892 (app. Lyon), 45: 336 (app. Dijon), 494 (prix Gay). 1898; Hedwigia 38: (60). 1899 (app. Dijon), 114 (prix Gay). 1899, 41: (51). 1902 (app. Bordeaux), 77: (109). 1937 (d.); Index biogr. Acad. Sci., Paris 458. 1954; J. Bot., Morot 6: 347. 1892 (mission to Montpellier), 12: 252. 1898 (app. Dijon), 15: cxviii. 1901 (app. Bordeaux); Nat. Nov. 20: 621. 1898 (app. Dijon), 24: 236. 1902 (app. Bordeaux); Qui êtes-vous 1924: 688-689; Rev. bryol. 21(1): 16. 1894 (prix Desmazières); Rev. gén. Bot. 48: 632. 1936 (d.).
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Sauvageau, C., Titres et travaux scientifiques, Bordeaux 1931, 20 p. (bibl.); prix Desmazières 1893, 1911, 1918; prix Montagne 1904, 1914; prix Gay 1898.
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COMPOSITE WORKS: *Algues*, *in* N.T. Patouillard, *Cat. pl. cell. Tunisie* 1897, p. 16-19.

EPONYMY: *Sauvageaugloia* Hamel ex Kylin (1940); *Sauvageautia* P. Hariot (1892).

NOTE: Sauvageau received the Prix Desmazières of the Académie des Sciences Paris, in 1893, 1911, 1918 and 1936; the Prix Montagne in 1904 and 1914, the Prix Gay in 1898.

10.357. *Contribution à l'étude du système méchanique dans la racine des plantes aquatiques* les Zostera, Cymodocea et Posidonia ... [Extrait du Journal de Botanique ... 1889]. Oct.
Publ.: 16 Mai 1889 (in journal), p. [1]-13. *Copy*: M. – Reprinted and to be cited from J. Bot., Morot 3: 169-181. 16 Mai 1889.

10.358. Série A, n° 158 n° d'ordre 720. Thèses présentées à la Faculté des Sciences de Paris pour obtenir le grade de docteur ès sciences naturelles par Camille Sauvageau ... 1re thèse. – *Sur les feuilles de quelques monocotylédones aquatiques* ... Paris (G. Masson, ...) 1891. Oct. (*Feuill. monocot. aquat.*).
Publ.: Mai 1891 (t.p.; HH copy: date filled in by hand: 15 Mai), p. [1]-200, [201]. *Copies*: H, HH, MO. – Reprinted from Ann. Sci. nat., Bot. ser. 7. 13: 103-296. 1891.

10.359. *Sur quelques algues phéosporées parasites* ... Paris (J. Mersch, ...) 1892. Oct.
Publ.: 1892, p. [i-iii], [1]-48. *Copy*: BR. – Reprinted and to be cited from J. Bot., Morot 6: 1-10. 1 Jan, 36-43. 16 Jan, 55-59. 1 Feb, 76-80, 16 Feb, 90-96. 1 Mar 97-106. 16 Mar 124-131. 1 Apr 1892.
Ref.: Kuckuck, E.H.P., Bot. Centralbl. 54: 75-77. 12 Apr 1893 (ref.).

10.360. *Notes biologiques sur les "Potamogeton"* ... Paris (J. Mersch, ...) 1891. Oct.
Publ.: 1 Jan 1894 (in journal), p. [i, iii],[1]-80. *Copies*: B, M. – Reprinted and to be cited from J. Bot. Morot 8: 1-9. 1 Jan, 21-43. 16 Jan, 45-58. 1 Feb, 98-106. 15 Feb, 112-123. 1 Mar, 140-148. 16 Mar, 165-172. 1 Mar 1894.

10.361. *Sur le Radaisia* nouveau genre de myxophycée ... [J. de Bot. Morot 9, 1875]. Oct.
Publ.: 16 Oct 1895 (in journal), p. [1]-5, *1 pl.* (col.). *Copy*: FI. – Reprinted and to be cited from J. Bot., Morot 9: 372-376. 1895. – See ING 3: 1479.

10.362. Bibliotheca phycologica ... Band 13. *Sur quelques Myrionémacées* ... reprint 1971. 3301 Lehre (Verlag von J. Cramer) 1971. Oct.
Original publication: Ann. Sci. nat., Bot. sér. 8. 5(3/4): 161-288. Apr 1898; IDC 678.
Facsimile ed.: 1971, see above, p. [i-iii], [1]-130. *Copies*: FAS, NY. – ISBN 3-7682-0705-6.

10.363. *Remarques sur les Sphacélariacées* ... Bordeaux (Féret et fils, libraires-éditeurs ...) 1900-1914, 3 parts. Oct. (*Rem. Sphacélar.*).
Publ.: 1900-1916 in three fascicles, 1900, 1904,1914, of which the first consisted of reprints from J. Bot. Morot. The above title and imprint appears on the cover of the consolidated reprint. *Copies*: BR, FH, USDA; IDC 1018.
1: 1900-1903 (in journal), cover-t.p., p. [1]-320. Reprinted from J. Bot., Morot as follows:

pages reprint	J. de Bot.	date
1-	14: 213-234	Aug 1900
	247-259	Sep 1900
	304-312	Oct 1900
-51	313-322	Nov 1900
51-	15: 22-36	Jan 1901
	50-62	Feb 1901
	105-116	Apr 1901
	137-149	Mai 1901
	222-236	Jul 1901
	237-255	Aug 1901

	368-380	Nov 1901
-167	408-418	Dec 1901
167-	16: 325-349	Oct 1902
	325-349	Nov 1902
-228	393-416	Dec 1902
228-	17: 45-56	Feb 1903
	69-95	Mar 1903
	332-353	Oct 1903
-320	378-422	Dec 1903

2: Oct 1904 (p. 321-339 Mar 1904; FH copy rd Nov 1904), p. [ix]-xvi, 321-480. Published separately, except p. 321-339 which was prepublished in J. Bot., Morot 18: 88-104. Mar 1904. – Imprint cover: Paris (J. Mersch, ...) s.d.
3: Jan 1904 (see avis; Bot. Centralbl. 21 Apr 1914), p. [i*, avis], [i]-xii, 481-634. Imprint cover: Bordeaux (Féret et fils, ...) 1914.
Facsimile ed.: 1971, Bibliotheca phycologica Band 14, J. Cramer (Lehre). *Copy*: FAS. – See Taxon 21: 371-372. 1972. – ISBN 3-7682-0717-x.
Ref.: Hariot, P., Bot. Centralbl. 125: 541-543. 26 Mai 1914 (rev. fasc. 3).

10.364. Université de Bordeaux ... Bulletin de la Station biologique d'Arcachon ... extrait. *À propos des Cystoseira* de Banyuls et de Guéthary ... Bordeaux (Féret et fils, ...) 1912. Oct.
Publ.: 1912 (Nat. Nov. Jul(1) 1913), p. [1]-424. *Copies*: BR, FH, FI, H, NY. – Reprinted and to be cited from Bull. Station biol. Arcachon 14: [133]-[556]. 1912.
Supplement (*1*): 1920, *in* Bull. Station biol. Arcachon 17: [5]-51, [52]. 1920.
Preliminary publ.: C.R. Soc. biol. (séance 7 Nov 1911), 71: 467-473. 1911 (reprint p. [1]-7), (séance 5 Dec 1911, 71: 680-687. 1911; see also 71: 478-479. 1912.

10.365. *Recherches sur les Laminaires des côtes de France*, ... [Paris 1918]. Qu.
Publ.: 1918 (p. 233: 31 Dec 1917), p. [1]-240. *Copy*: FH. – Reprinted and to be cited from Mém. Acad. Sci. Paris 56: 1-240. 1918. For preliminary publ. see Sauvageau 1931, nos. 90-99, 102.

10.366. *Utilisation des algues marines* ... Paris (Librairie Octave Doin ...) 1920. 18-mo. (*Util. alg. mar.*).
Publ.: 1920 (ÖbZ rd Nov-Dec 1920; Nat. Nov. Jul 1920), p. [i-vi adv.; vii-ix title pages], [1]-394. *Copies*: BR, HH, MO. – Part of "Encyclopédie scientifique".

10.367. *Les phéosporées* trois études. Reprint 1970 ... Amsterdam (Linnaeus Press) 1970. Oct.
Publ.: 1970, a facsimile reprint of the papers listed below, preceded by p. [i-iii] new t.p. material, ISBN 90-6105-001-4. *Copy*: FAS. – Contents:
(*1*): *Sur le développement de quelques phéosporées*, Bull. Station biol. Arcachon 26(2): 253-420. 1929. – Also published as a reprint with original pagination and new cover-t.p. (*Copy*: BR).
(*2*): *Sur quelques algues phéosporées* de la rade de Villefranche (Alpes-Maritimes), Bull. Station biol. Arcachon 28: [i], [7]-168. 1931. – Also published as a reprint with original pagination and new cover-t.p. (*Copies*: BR, NY).
(*2a*): *Second mémoire sur les algues phéosporées* de Villefranche-sur-Mer, Bull. Station biol. Arcachon 33(2): [117]-203, [204]. 1936 (journal rd NY 16 oct 1936).
(*3*): *Sur quelques algues phéosporées* de Guéthary (Basses-Pyrénées), Bull. Station biol. Arcachon 30(1): [i], [1]-128. – Also reprinted with special cover (*copy*: BR).
Ref.: Stafleu, F.A., Taxon 28: 641. 1970.

Sauvages, François Boissier de la Croix de (1706-1767), French naturalist and physician; Dr. med. Montpellier 1726; professor of medicine (1734), later of botany (1740) at the University of Montpellier; royal professor of botany ib. 1755; staunch supporter of Linnaeus and the Linnaean ideas in France. (*Sauvages*).

HERBARIUM and TYPES: Material at LINN and MPU.

NAME: Often cited as Sauvages de la Croix, F.B. de la or as Boissier de Sauvages de la Croix, François. – Not to be confused with his brother Pierre Augustin Boissier de Sauvages de la Croix (1710-1795), French clergyman, also active as botanist, see e.g. L.A. d'Hombres-Firmas, Notice biographique sur l'abbé de Sauvages, Alais, 1820, 8 p. – See e.g. Stafleu (1964).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 216 (b. 12 Mai, d. 19 Feb 1767); BM 8: 1142; Bossert p. 350; Herder p. 175; Plesch p. 397; Quenstedt p. 377.; SO 635c, 2480 corr.; Sotheby p. 673.

BIOFILE: Anon., Cat. gén. livr. Bibl. natl. 15: 143-155. 1924; Index sem. Hortus monspeliensis 1982, cover (portr.) and p. [i] (dedic.).
Berg, F., Lychnos 1956: 31-54 (comp. Linnaeus-Sauvages, nosolog. systems).
Blunt, W., The compleat naturalist 131. 1971.
Boisseau, F.G., Dict. sci. méd., Biogr. méd. 7: 102-105. 1825.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 255.12. 1980.
Candolle, A.P. de, Mém. souvenirs 213. 1862.
Candolle, Alph. de, Phytographie 446. 1880.
Flahault, C., Univ. Montpellier, Inst. Bot. 35-36. 1890.
Fries, Th.M., Bref Skrifv. Linné 1(2): 80, 82, 95, 122. 1908, 1(3): 51. 1909, 1(4): 144, 182, 183. 1910, 1(5): 51, 136, 273. 1911, 1(6): 141. 1912, 1(7): 99. 1917.
Hoefer, Nouv. biogr. gén. 43: 376-377. 1864.
Hulth, J.M., Bref Skrifv. Linné 2(1): 43, 44, 113, 120, 123, 154, 155, 252. 1916.
Hulth, J.M. & A.H. Uggla, Bref Skrifv. Linné 2(2): 224. 1943.
Jackson, B.D., Proc. Linn. Soc. 134 (suppl.): 19. 1922 (material in LINN).
Lombard-Dumas, A., Bull. Soc. bot. France 47: 526. 1900.
Martins, Ch., Le Jardin des Plantes de Montpellier 36, 37, 41, 43, 61, 76. 1854.
Michaud, J.Fr., Biogr. univ. 38: 85-87. 1969 (reprint; orig. 1854 ff.).
Mignon, M., Bull. Soc. franç. Hist. Méd. 28: 5-26. 1934 (on "Esprits animaux).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 758. 1863 (bibl.).
Stafleu, F.A., *in* G.H.M. Lawrence, ed., Adanson 2: 601. 1964; Linnaeus and the Linnaeans 185, 267-269, 271, 272, 273. 1971.
Stieber, F. et al., Huntia 4(1): 86. 1981 (arch. mat. HU).

EPONYMY: *Sauvagea* Adanson (1763, *orth. var.* of *Sauvagesia* Linnaeus); *Sauvagesa* Cothenius (1790, *orth. var.* of *Sauvagesia* Linnaeus); *Sauvagesia* Linnaeus (1753).

10.368. *Methodus foliorum*, seu plantae florae monspeliensis, juxta foliorum ordinem, ad juvandam specierum cognitionem, digestae ... Methode pour connaître les plantes par les feüilles ... à la Haye ['s Gravenhage] 1751. Oct. (in fours). (*Meth. fol.*).
Publ.: 1751, p. [i]-xliv, [1]-343, ["143"], *1 pl*, [1]-3. *Copies*: MO, NY(2), U, USDA; IDC 6195. – See e.g. Stafleu (1971) for the relation with Linnaean methodology. Preceded by *Projet d'une méthode sur les feuilles des plantes*, Montpellier 1743 (n.v.). – PR (950) cites this under P.A. Boissier de la Croix de Sauvages.

Sauvaigo, Émile (1856-1927), French botanist and physician; worker on the spontaneous and cultivated mediterranean plants; curator of the library and archives of the town of Nice until 1897; director of the Museum of natural history, Nice 1897-1924. (*Sauvaigo*).

HERBARIUM and TYPES: NICE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 216 (d. 27 Nov 1927); CSP 18: 463; Kew 4: 604; Rehder 5: 761; Saccardo 2: 98, cron. p. xxxii; Tucker 1: 625.

BIOFILE: Anon., Cat. gén. livr. Bibl. natl. 163: 974-975. 1943.
Cavillier, F., Boissiera 5: 85-86. 1941.

10.369. *Les cultures sur le littoral de la Méditerranée* Provence-Ligurie-Algérie. Introduction par Ch. Naudin ... plantes décoratives et commerciales. Plantes à fruits exotiques. Plantes à parfums. Plantes potagères. Arbres fruitiers indigènes. Paris (Librairie J.-B. Baillière et fils ...)1894. 18-mo. (*Cult. litt. Médit.*).

Ed. [*1*]: Dec 1893 to 12 Jan 1894 (p. xxiv: 16 Nov 1893; Bot. Zeit. 16 Jun 1894; BSbF séance 12 Jan 1894; Nat. Nov. Aug(2) 1893 (announcement!)), p. [i]-xxiv, [1]-318. *Copies*: FI, USDA.

Ed. 2: Jan-Feb 1913 (Nat. Nov. Mar(2) 1913), p. [1]-456. *Copies*: BR, MO. – Deuxième édition ... Paris (id.) 1913. 18-mo.

Ed. 3: 1929, p. [1]-478. *Copy*: BR. – Troisième édition ... Paris (id.) 1929. Oct.

10.370. Flora mediterranea exotica. *Énumération des plantes cultivées* dans les jardins de la Provence et de la Ligurie avec un tableau des collections botaniques les plus importantes de Marseille à Gênes ... Nice (Typographie et lithographie J. Ventre et Cie. ...) 1899. Oct. (*Énum. pl. cult.*).

Publ.: Jan 1899 (p. xi: 4 Nov 1898; Bot. Centralbl. 8 Feb 1899; Nat. Nov. Feb(1) 1899), p. [i]-xxxi, [1]-316, [1]-96, [1, cont.]. *Copies*: G, HH. – Dedicated to the memory of the "illustre botaniste provençal Michel Adanson ...".

Sauvalle, Francisco Adolfo (1807-1879), United States-born botanist and malacologist of French descent who settled in Cuba 1824 as merchant and industrialist. (*Sauvalle*).

HERBARIUM and TYPES: HAB; some further material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 216 (b. 1 Jul 1807, d. 30 Jun 1879); BL 1: 225, 317; BM 4: 1814; Bossert p. 350; CSP 8: 838, 18: 463; IH 2: (files); Jackson p. 370; Kew 4: 604; Langman p. 675; Morren ed. 10, p. 136; PH 98, 567; Rehder 5: 761; Tucker 1: 625.

BIOFILE: Conde, J.A., Hist. bot. Cuba 94, 279-281, 284, 286. 1958.
Ramos, J.E., Anal. r. Acad. ci. med. Habana Rev. ci. 16: 38-52. 1879 (éloge).
Urban, I., Symb. ant. 1: 148-150. 1898 (publ.), 3: 119. 1902 (biogr.).

EPONYMY: *Sauvallea* C. Wright (1871); *Sauvallela* Rydberg (1924).

10.371. *Flora cubana.* Enumeratio nova plantarum cubensium vel revisio catalogi grisebachiani, exhibens descriptiones generum specierumque novarum Caroli Wright, (Cantabrigiae) et Francisci Sauvalle, synonymis nominibusque vulgaribus cubensis adjectis. Auctore Francisco A. Sauvalle ... Havanae [Habana] (Imp. "La Antilla", de Cacho-Negrete, ...) [1868-] 1873. Qu. (*Fl. cub.*).

AUTHORSHIP: Urban (1898) gives details on the history of publication of the *Flora cubana* explaining that the 1873 book is a reprint, published in parts, from a series of articles in *Anal. Acad. Ci. Habana, Rev. ci.* vols. 5, 1868 -9(app.), 1873. The title of the articles in the original journal publication makes it clear that Sauvalle is actually mainly editor and that the new taxa are to be attributed to Charles Wright (1811-1885), an opinion already held by Asa Gray (Sci. Pap. 2: 473). The new taxa are to be cited as C. Wright *in* F.A. Sauvalle.

Publ. (book): 1868-1873 (in parts; see below under journal publication), p. [i], [1]-324, [1*]-90* (indice nombr. vulg.). *Copies*: G, HH, M, MO, US, USDA (incompl.); IDC 1581 (journal publ.).

Journal publication: in *Anal. Acad. Ci. Habana* with the title *Flora cubana.* Revisio catalogi grisebachiani vel index plantarum cubensium ad catalogum cl. Grisebachii anno 1866 editum attemperata, pluribus Wrightianis novis speciebus aucta, valde quoque emendata, à cl. C. Wright; omnia pro Annalibus Regiae Academiae Scientiarum Havanensis digesta, nominibusque adjectis cubensis vulgo receptis à Francisco A. Sauvalle.

For C. Wright's work in Cuba see e.g. L.M. Underwood, Bull. Torrey bot. Club 32: 291-2300. 1905 and the last volume of TL-2.

Species number	Book pagination	Annales de la Academia de Sciencias Medicas, Fisicas y Naturales de la Habana	Date of journal
1-148	1-10	5: 196-205	15 Oct 1868
149-293	10-18	5: 237-245	15 Nov 1868
294-454	18-25	5: 286-294	15 Dec 1868
455-555	26-32	5: 332-338	15 Jan 1869
556-682	32-39	5: 403-410	15 Mar 1869
683-792	39-47	5: 428-436	15 Apr 1869
793-812	47-49	5: 464-466	15 Mai 1869
813-877	49-55	6: 71-77	15 Aug 1869
878-898	55-63	6: 95-102	15 Sep 1869
998-1069	63-68	6: 121-126	15 Oct 1869
1070-1131	68-72	6: 146-150	15 Nov 1869
1132-1267	75-80	6: 174-182	15 Dec 1869
1268-1336	80-84	6: 209-213	1 Jan 1870
1337-1366	84-86	6: 249-251	15 Feb 1870
1367-1425	86-90	6: 287-291	15 Mar 1870
1426-1514	90-98	6: 314-322	15 Apr 1870
1515-1816	98-115	7: 37-53	15 Jun 1870
1817-1943	115-125	7: 100-110	15 Jul 1870
1944-2049	125-132	7: 149-156	15 Aug 1870
2050-2164	132-138	7: 194-200	15 Sep 1870
2165-2217	138-143	7: 343-347	15 Nov 1870
2218-2240	143-144	7: 459-460	15 Dec 1870
2241-2331	145-149	7: 510-514	15 Jan 1871
2332-2433	149-156	7: 560-566	15 Feb 1871
2434-2452	156-161	7: 607-611	15 Mar 1871
2453-2461	161-163	7: 715-717	15 Mai 1871
2462-2542	163-169	8: 48-54	15 Jun 1871
2543-2690	169-184	8: 73-88	15 Jul 1871
2691-2755	184-191	8: 152-158	15 Aug 1871
2756-2869	191-201	8: 200-209	15 Sep 1871
2870-2891	201-202	8: 287-288	15 Nov 1871
2892-2921	203-206	8: 413-415	15 Jan 1872
2922-2984	206-209	8: 471-474	15 Feb 1872
2985-3069	209-213	8: 534-537	15 Mar 1872
3070-3163	213-218	8: 5845-588	15 Apr 1872
Errata	219-224	8: 650-655	15 Mai 1872
3164-3228	225-228	9: 126-128	15 Aug 1872
3229-3257	228-229	9: 216	15 Oct 1872
3258-3350	229-233	9: 245-248	15 Nov 1872
Index, names (p. nos.)	235-324		1873
Index, names (sp.nos)	[1]-90		1873

Sauveur, [Dieudonné] Jean Joseph (1797-1862), Belgian administrator and palaeobotanist; professor of legal medicine and hygiene, Univ. Liège, from 1825; later member of the state council for public hygiene and inspector of the sanitary services with the department of the interior; born and died in Liège. (*Sauveur*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 326; Barnhart 3: 216 (b. 5 Oct 1797, d. 1 Nov 1862); BM 4: 1814; Herder p. 352; Jackson p. 183; Quenstedt p. 377.

BIOFILE: Anon., Bibl. natl. Dict. Écriv. belg. 3: 366-368. 1897 (bibl.; b. 5 Oct 1797, d. 1 Nov 1862); Bonplandia 3: 34. 1855, 6: 51. 1858.
Breure, A.S.H. & J.G. de Bruyn, eds., Leven en werken van J.G.S. van Breda 417. 1979.
Crepin, F., Guide bot. Belge 245, 476. 1878.
Michaud, J.Fr., Biogr. univ. 38: 91-92. 1969 (reprint; orig. 1854 ff.).

10.372. Académie royale des sciences, des lettres et des beaux-arts de Belgique. *Végétaux fossiles des terrains houillers de la Belgique* ... 1848 [Bruxelles]. Qu. (*Vég. terr. houill.*).
Publ.: 1848, p. [i-ii], [1]-2 list, plates, *pl. 1-69* (uncol.). *Copies*: BR, G, USGS. – Issued as Mém. Acad. roy. Sci. Belg. 6. 1848.

Sauzé, Jean Charles (1815-1889), French botanist at Mothe St. Héray, Deux-Sèvres. (*Sauzé*).

HERBARIUM and TYPES: Some material at CGE, FI. – Herbaria left to the Société botanique des Deux-Sèvres.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 216 (b. 12 Feb 1815, d. 10 Mar 1899); BL 2: 145, 714; BM 4: 1814; Jackson p. 281, 283; PR 5055; Rehder 5: 761; TL-2/see P.N. Maillard; Tucker 1: 625.

BIOFILE: Anon., Bull. Soc. bot. Deux-Sèvres 17: *pl. 4*. 1906 (portr.); Cat. gén. livr. impr. Bibl. natl. 163: 1041. 1943.
Souché, B., Flore du Haut Poitou xviii. 1901 (herb. at Soc. bot. Deux-Sèvres).

10.373. *Catalogue des plantes phanérogames* qui croissent spontanément dans le Département *des Deux-Sèvres*, ... Niort (L. Clouzot, ...) 1864. Oct. (in fours). (*Cat. pl. phan. Deux-Sèvres*).
Publ.: 1864 (p. 15: 1 Jan 1864; BSbF séance 13 Mai 1864), p. [i-iv], [1]-57. *Copies*: G, HH, NY. – Also issued in Mém. Soc. Stat. Sci. Arts Deux-Sèvres 1864 (n.v.).
Ref.: Anon., Bull. Soc. bot. France 11 (bibl.): 66-67. Aug 1864 (rev.).

10.374. *Flore du département des Deux-Sèvres* ... Première partie. Manuel analytique destiné à faciliter la détermination et à assurer le classement des plantes spontanées du département ... Paris (J.B. Baillière et Fils ...) 1872. Oct. (*Fl. Deux-Sèvres*).
Co-author: Pierre Néhémie Maillard (1813-1883).
1 (*Manuel analytique*): 1872, (p. vii: 1 Mai 1872), p. [i*-iii*], [i]-xxviii, [1]-343. *Copies*: G, HH, NY. – The Paris (Baillière) imprint occurs on a label covering the original imprint (not seen by us). – Also issued in Mém. Soc. Stat. Sci. Arts Deux-Sèvres ser. 2. 11: [ii]-xii, [i]-xxiii, [1]-288. 1871 (sic).
2 (*Flore descriptive*) (*1*): 1878 (p. viii: 30 Jan 1878), p. [i]-viii, [1]-501. *Copies*: G, HH, NY. – Imprint: Niort (L. Clouzot, ...) 1878. 18-mo. – Also issued in id. ser. 2. 15: 1*-8*, [9*], [1]-424. 1877.
2(*2*): 1880 (Bot. Zeit. 25 Mar 1881; Nat. Nov. Feb(2) 1881), p. [i-iii], [1]-478. *Copies*: G, HH, NY. – Imprint: Niort (L. Clouzot, ...) 1880. 18-mo. – Also issued in id. ser. 2. 18: [i]-[iii], [1]-403. 1880.
Ed. 2 (of part 1, *Manuel analytique*): 1884 (p. [xi]: 22 Sep 1883; Bot. Centralbl. 21-25 Jul 1884; J. Bot. Mar 1884), p. [i]-xxxi, [1]-341, [343, cont.]. *Copies*: G, HH, NY. – Paris (J.B. Baillière & fils ...) Niort (L. Clouzot ...) 1884. Oct.

Sava, Roberto (*fl.* 1844), Italian physician and botanist at Prato. (*Sava*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR ed. 1: 9010; Rehder 1: 431; Saccardo 1: 147, 2: 97.

BIOFILE: Sava, R., Autobiografia intellettuale di Roberto Sava. Arezzo 1873. Oct. (n.v.).

10.375. *Sulla flora e fauna dell'Etna* e sopra l'origine delle spelonche nelle lave di questo vulcano ... Milano Settembre 1844. Oct. (*Fl. faun. Etna*).

Publ.: Sep 1844, p. [1]-36. *Copies*: FI, G. – Title on cover: "*Lucubrazioni sulla flora e fauna dell'Etna* ...".

Savage, Spencer (1886-1966), English librarian and botanist; clerk with the Linnean Society of London from 1911, librarian and assistant secretary 1929-1951. (*S.Savage*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 8: 1142; Bossert p. 350; Desmond p. 544 (b. 23 Jun 1886, d. 3 Nov 1966); Kew 4: 604-605; NI 1173, 1215; 3: 32, 49, 63; SO 2568cb, 3715; TL-2/954.

BIOFILE: Anon., Proc. Linn. Soc. 179: 145. 1968 (d.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 434 [index]. 1980.
Stafleu, F.A., Taxon 16: 67. 1967 (obit.).
Stearn, W.T., The Times 8 Nov 1966 (obit.).
Verdoorn, F., ed., Chron. bot. 4: 278. 1938, 7: 264. 1943.

NOTE: Published also a *Calendar of the Ellis mansucripts*. The correpondence and miscellaneous papers of John Ellis (1711-1716, see TL-2/1: 743). London 1948, Cat. mss. libr. Linn. Soc. London no. 4.

10.376. *Caroli Linnaei determinationes in hortum siccum Joachini Burseri* the text of the manuscript in the Linnaean collections, ... London (Printed for the Linnean Society, ...) 1937. Oct. (*Linn. det. hort. sicc. Burs.*).
Publ.: 1937 (p. 6: 20 Apr 1937), p. [1]-78. *Copies*: E, G, HH, M, NY. – Catalogue of the manuscripts in the library of the Linnean Society of London. Part ii.

10.377. *Synopsis of the annotations by Linnaeus* and contemporaries in his library of printed books ... London (Printed for the Linnean Society, ...) 1940. Oct. (*Syn. annot. Linn.*).
Publ.: 1940 (p. 4: 23 Mai 1940), p. [1]-19. *Copies*: E, NY. – Catalogue of the manuscripts in the library of the Linnean Society of London. Part iii.

10.378. *A catalogue of the Linnaean herbarium* ... London (printed for the Linnean Society of London, ...) 1945. Oct. (*Cat. Linn. herb.*).
Publ.: 1945, frontisp., p. [i]-xv, *8 pl.* (72 handwriting samples), 1-225, [226], chart. *Copies*: BR, E, FAS, U.

Savastano, Luigi Salvatore (1853- ?), Italian botanist and phytopathologist; assistant at the botanical garden of the R. Scuola superiore d'Agricoltura Portici, nr Napoli. (*Savastano*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 8: 1142; Bossert p. 350 (b. 4 Feb 1853); CSP 18: 464; Herder p. 376; Kelly p. 206; Kew 4: 605; LS 4750, 23748-23763a, 38810-38822, 41703; Morren ed. 10, p. 87; PH 59; Rehder 1: 430, 5: 761; Saccardo 1: 147; Stevenson p. 1257; Tucker 1: 625, 3: 269.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 213: 721-722. 1964.
Whetzel, H.H., Outline hist. phytopath. 20, 96. 1918.

10.379. *Enumerazione delle piante apistiche* del napoletano. i. Contributo ... Napoli (Stabilimento tipografico di Aniello Eugenio ...) 1883. Qu.
Publ.: Shortly after 15 Apr 1883 (p. 47: printing finished 15 Apr 1873; Bot. Zeit. 27 Jul 1883; Nat. Nov. Jul(1) 1883), p. [i-ii], [1]-47. *Copy*: G. – Reprinted and to be cited from Annuar. r. Scuola Sup. agric. Portici 3(1): 1-47. 1883. – "piante apistiche" bee plants.
Ref.: Anon., Bull. Soc. bot. France 30 (bibl.): 174-175. Sep-Oct 1883 (rev.).

10.380. *Le varietà degli agrumi* del Napoletano ... Napoli (Tipi Ferrante, ...) 1884. Qu. (*Var. agrumi*).
Publ.: 1884 (p. 45: printing finished 27 Dec 1883), p. [1]-45. *Copy*: G. – Reprinted and to be cited from Annuar. Scuola Sup. Agric. Portici 3(5): 17-61. 1883 (1884).

Savatier, [Paul] Alexandre (1824-1886), French botanist and practicing physician at and maire of Beauvais-sous-Matha (Charente-Maritime); studied at Montpellier. (*A. Sav.*).

HERBARIUM and TYPES: Muséum de la Rochelle (Rallet 1970).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 216 (b. 24 Apr 1821. d. 29 Nov 1886); BL 2: 137, 714; BM 4: 1814; CSP 11: 291; Rehder 5: 761; Tucker 1: 626.

BIOFILE: Rallet, L., Ann. Soc. Sci. nat. Charente-Maritime 5(2): 47-48. 1970 (herb. at la Rochelle Museum).
Souché, B., Fl. Haut Poitou xviii. 1901.

COMPOSITE WORKS: With Alphonse Trémeau de Rochebrune, q.v.: *Cat. pl. phan. Charente*, 1860.

Savatier, Paul Amadée Ludovic (1830-1891), French botanist and marine medical officer; educated at the Naval medical school, Rochefort; on a mission to Japan 1866-1876; from 1877-1879 head physician on the circumnavigation by the Magicienne; retired as "médecin en chef de la marine". (*Sav.*).

HERBARIUM and TYPES: K (personal herb., 730 specimens from Japan; 775 specimens from Tahiti, Peru, Magellan from the MAGICIENNE circumnavigation), P, PC (orig. set Magicienne; also Japanese material), other material at BR, LE and US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart: 216 (b. 19 Oct 1870, d. 25 Aug 1891); BM 2: 610, 4: 1814; Bret. p. 826; CSP 8: 839, 11: 291, 12: 652, 18: 464; Herder p. 208; Hortus 3: 1203; Kew 4: 605 MW p. 430; Plesch p. 397; TL-1/376, see Drake, E.; TL-2/1844, see Drake, E.; Tucker 1: 626; Zander ed. 10, p. 711, ed. 11, p. 752, 811.

BIOFILE: Anon., Bull. Soc. bot. France 13 (bibl.): 47. 1866 (in charge of setting up an arsenal in Japan); J. Bot. Morot 1: 80. 1887 (hepatics Magicienne at PC).
Candolle, Alph. de, Phytographie 412, 446. 1880.
Fuchs-Eckert, H.P., Proc. Kon. Ned. Akad. Wet. C 85(2): 212-213. 1982.
Kopponen, T., *in* G.C.S. Clarke, ed., Bryoph. syst. 163. 1979 (Japanese bryology).
Moore, D.M., Fl. Tierra del Fuego 6, 10. 1983.
Reiche, K., Grundz. Pfl.-Verbr. Chile 21-22. 1907 (Veg. Erde 8).
Sayre, G., Mem. New York Bot. Gard. 19(3): 391-392. 1975 (coll.).
Souché, B., Fl. Haut Poitau 2: xviii. 1901.
Stapf, O., Bull. misc. Inf. Kew 1909: 148-150 (personal herbarium of Savatier acquired by K).
Stieber, M.T., Huntia 3(2): 124. 1979 (notes A. Chase mss.).
Turrill, W.B., Bull. misc. Inf. Kew 1920: 63 (S. Amer. coll.).

COMPOSITE WORKS: With Adrien René Franchet (1834-1900), q.v., *Enum. pl. Jap.* 1873-1879, 2 vols. TL-2/1844.
1: 1873-1875, p. [i*-iii*], [i]-xiv, [1], [1]-485, [1, add.].
2: 1877-1879, p. [i-iii], [1]-789, [791, colo.].
Copies: BR, FI, G, MO, NY, U, USDA. – Types at P.

10.381. Botanique japonaise. *Livres Kwa-wi* traduits du japonais avec l'aide de M. Saba ... Paris (F. Savy, ...) 1873. Oct. (*Livr. Kwa-wi*).
Publ.: 1873 (Bot. Zeit. 26 Dec 1873), p. [i-iii], [1]-155, [156]. *Copies*: BR, US. – For notes on the japanese original see MW p. 430 and japanese appendix.
Ref.: Bary, A. de, Bot. Zeit. 31: 830. 26 Dec 1873.

Savi, Gaetano (1769-1844), Italian botanist and physician; studied in Pisa; curator of the Pisa botanical garden and museum 1791; professor of botany 1810; director the botanical garden 1814-1843. (*Savi*).

HERBARIUM and TYPES: PI; some other collections at FI (in part also in herb. Micheli), MOD, MW, P, PAD, UPS (Thunberg herb.), W.

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Ed. [2]: 1840, p. [i]-lxvi, [1-2], [1]-340. *Copy*: FI. – Istituzioni botaniche del dottore Gaetano Savi ... precedute dalla storia botanica dell'abate Giovanni Andres. Loreto (Tipografia Rossi) 1840.

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Savi, Paolo (1798-1871), Italian zoologist and geologist; son of Gaetano Savi; professor of zoology and mineralogy at the University of Pisa; from 1823 professor of natural history at Pisa University, from 1840 professor of zoology and comparative anatomy. (*Pa. Savi*).

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Savi, Pietro (1811-1871), Italian botanist; son of Gaetano Savi; professor of botany and director of the botanical garden of the University of Pisa 1842-1871. (*Pi. Savi*).

HERBARIUM and TYPES: PI; other material at A, AWH, BR, C, CGE, DBN, F, FI, GOET, MANCH, MW, US, W.

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Savicz [-Ljubitzkaja], Lydia Ivanovna (1886-1982), Russian botanist (bryologist) at the V.L. Komarov Botanical Institute, Leningrad 1911-1956. (*Savicz*).

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Sayre, G., Bryologist 80: 517. 1977 (coll.); Mem. New York Bot. Gard. 19(2): 249-250. 1971 (exsicc.).
Saviz et Smirnova, Handbook of the mosses of the U.S.S.R. 1970, 824 p. (Russian with English summary).

EPONYMY: *Saviczia* A.L. Abramova et J.J. Abramov (1966).

NOTE: L.I. Savicz-Ljubitzkaja (the name thus spelled on the t.p.'s of her works) published various important bryological works also after our closing date: *Sphagnales*, in *Fl. pl. crypt.* U.R.S.S., vol. l, Feb 1952, p. [1]-252, [253-255]; *Andreales nec non Bryales*, ib. 3 (Musci frondosi (2), early 1955, p. [1]-329, [330-332], with A.L. Abramova and K.I.

Ladyzhenskaja; *Opreditel' listostebel' nykh mkov SSSR, Verkoplodnye mkhi*, Leningrad 1970, p. [1]-824, with N. Smirnova; *Opreditel' Sfagnovykh mkhov SSSR*, Leningrad 1968, p. [1]-112, also with Z.N. Smirnova. *Copies*: H.

10.421. Spisok mkhov yuzhno-ussuriyskogo kraya ... *Enumeratio muscorum austro-ussuriensium* ... Petrograd 1923. Oct.
Publ.: 1923, p. [i], [1]-31, [32, German summary]. *Copies*: G, H. – Also published in Trudy Glavn. Sada, vol. 39.

10.422. *Hepaticae regionum septentrionalium partis europeae URSS.* Mosqua, Leningrad (sumptibus Academiae Scientiarum URSS) 1936. Oct. (*Hepat. eur. URSS*).
Co-author: K.I. Ladyzhenskaja.
Publ.: 26 Oct 1936 or somewhat later (see p. [4]), p. [2]-309, err. slip. *Copies*: H, MO, U.

10.423. *Sphagnales partis Europeae URSS.* Mosqua, Leningrad (Sumptibus Academiae Scientiarum URSS) 1936. Oct. (*Sphagn. Eur. URSS*).
Publ.: 20 Oct 1936 or shortly afterwards (see p. [4]), p. [2]-103, [104]. *Copy*: H.

Savicz, Vsevolod Pavlovicz (1885-1972), Russian lichenologist; studied at the University of St. Petersburg 1904-1912; with the Botanical Institute of the Academy of Sciences, later V.L. Komarov Botanical Institute, Leningrad, from 1937 in charge of the Cryptogamic Department. (*V. Savicz*).

HERBARIUM and TYPES: LE; other material at M. – *Exsiccatae*: *Lichenotheca rossica*, dec. 1-22, 1925-1972, nos. 1-220. – Sets: C, FH, H, LD, M, S, UPS, W.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 15: 7868; BJI 2: 152; Bossert p. 350; GR p. 552-553 (detailed info.), *pl.* [*26*]; GR, cat. p. 71; Hawksworth p. 185; Hirsch p. 260; LS 32944, suppl. 7371, 24295-24333; MW p. 431, suppl. p. 307; SBC p. 131.

BIOFILE: Allorge, V., Rev. bryol. lichénol. 39(2): 349. 1973.
Anon., Nature 239: 354. 1972 (obit., b. 18 Feb 1885, d. 25 Mai 1972); Novit. syst. pl. non vasc. 9: 3-4. 1972 (obit., portr.).
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Sayre, G., Mem. New York Bot. Gard. 19(1): 162. 1969 (exsicc.).
Trass, H., Int. lichenol. Newsletter 6(2): 9. 1972 (portr., obit. not.).
Verdoorn, F., ed., Chron. bot. 1: 273. 1935, 3: 254. 1937.

COMPOSITE WORKS: *Plantae cryptogamae* a V.P. Savicz, botanico primario redactae, Leningrad, Acta Inst. bot. Acad. Sci., fasc. 1-4, 1933-1940.

10.424. *Neue Flechten aus Kamtschatka* ... S. Petersburg 1914. Oct.
Publ.: 1914, cover-t.p., p. [111]-128. *Copy*: Almborn, B. – Reprinted and to be cited from Bull. Jard. imp. Bot. Pierre le Grand 14(1-2): 111-128. 1914.

10.425. *De Peltigeraceis e Kamczatka notula* ... Petrograd 1922. Oct.
Publ.: 1922, cover-t.p., p. [1]-16. *Copy*: Almborn, B. – Notul. Syst. Inst. crypt. Hort. bot. Petrop. 1(11), 1922.

10.426. *Die Resultate lichenologischer Untersuchungen in Weissrussland* im Jahre 1923. Minsk 1925. Oct.
Publ.: 1925, cover-t.p., p. [1]-33. *Copy*: Almborn, H. – Zap. Inst. Sel'sk. Lesnogo Khozyaystva 4: 1-33. 1925.

Savigny, [Marie] Jules César [Lelorgne de] (1777-1851), French botanist and zoologist; participated in Napoléon's visit to Egypt 1798-1802. (*Savigny*).

HERBARIUM and TYPES: some material at H.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 660; Barnhart 4: 217 (b. 5 Apr 1777, d. 5 Oct

1851); BM 4: 1815-1816; CSP 5: 423-424; DSB 12: 130-131 (M.P. Winsor); Frank 3 (Anh.): 89; Hortus 3: 1203; Zander ed. 10, p. 711, ed. 11, p. 811.

BIOFILE: Anon., Biogr. hommes vivants 5: 319. 1819; Brit. Mus. gen. cat. print. books 134: 373. 1962; Bull. Soc. entom. France ser. 2. 9: ci. 1851 (d.); Grand Larousse encycl. 9: 627. 1964; Index biogr. Acad. Sci., Paris 459. 1954.
Burckhardt, R.W., The spirit of system 162. 1977.
Kukkonen, I., Herb. Chr. Steven 88. 1971 (mentions herbarium specimens).
Michaud, J.Fr., Biogr. univ. 38: 121-123. 1969 (repr.; orig. 1854ff.).
Pallary, P., Mém. Inst. Égypte 17: 1-111. 1931, 20: 1-112 (bibl.). 1932, 23: 1-203 (documents). 1934 (main treatment life and work).
Westwood, J.O., Trans. entom. Soc. London ser. 2. 1: 136. 1852 (obit. not.).

COMPOSITE WORKS: Co-author, *Encyclopédie méthodique, Botanique* (see J.B.A.P.M. de Lamarck, TL-2/4136), volume 4, together with Desrousseaux and Poiret.

EPONYMY: *Savignya* A.P. de Candolle (1821).

Savulescu, Trajan (1889-1963), Roumanian botanist, mycologist and phytopathologist; professor of systematic botany and phytopathology at the agricultural college of Herastrau-Bucarest 1922. (*Savul.*).

HERBARIUM and TYPES: BUCM; important material also at BUCA; duplicates at BR. *Exsiccatae*: *Herbarium mycologicum romanicum*, fasc. 1-37 1929-x. Sets at B (extant), BM, BUCA, C, CERN, CUP, E, ERN, FH, G, H, HPP, M, PC, PRC, ROPV, S, U, W.

BIBLIOGRAPHY and BIOGRAPHY: BFM p. 1486, 3093, 3094; Biol.-Dokum. 15: 7869; Bossert p. 350; Hawksworth p. 185; IF (ed. 1): 16, (ed. 2): 30, (ed. 3): 35, (ed. 4): 36, (ed. 5): 29, (ed. 6): 364, (ed. 7): 342, 2: (files); Kew 4: 607-608; LS suppl. 24339-24350; Stevenson p. 1257; TL-2/see T. Rayss.

BIOFILE: Ainsworth, G.C., Dict. fungi ed. 6: 519. 1971.
Anon., Österr. bot. Z. 71: 152. 1922.
Boscain, N. & J. Braun Blanquet, Vegetatio 12: 288. 1964 (obit. notices).
Dihoru, G., Stud. Cerc. Biol., Biol. veg. 33(1): 3-7. 1981 (n.v.).
Iuga-Raica, V., Traian Savulescu (1889-1963). 1972, 182 p., *8 pl.* (n.v.).
Motaş, C., Ocrotirea naturii, Bucarest 8(1): 7-8. 1964 (obit.).
Sandu-Ville, Sydowia 18: 1-10. 1965 (obit., mycol., bibl.).
Verdoorn, F., ed., Chron. bot. 1: 30, 31, 89. 1935, 2: 46, 250, 261. 1936, 3: 216, 228. 1937, 4: 273, 275. 1938, 5: 67, 290, 309. 1939, 6: 141, 263. 1941.

FESTSCHRIFT: Omagiu lui Trajan Savulescu cu prilejul implinirüa 70 de ani, edit. Acad. pop. Rep. Romine 1959 (bibl.), xl, 1180 p. (bibl.).

EPONYMY: *Savulescua* Petrak (1959); *Savulescuella* Ciferri (1959).

10.427. Teze prezentate Facultătei de Ştiinţe din Bucureşti pentru obţinerea gradului de doctor in ştiinţele naturale de Traian Savulescu. Teza 1. – *Studiu asupra speciilor de Campanula* din secţia "Heterophyllae", ce cresc în România ... Bucureşti (Minerva, ...) 1916. Oct. (*Stud. sp. Campanula*).
Publ.: 1916, p. [i], [1]-100, *pl. A*, [i, Teza ii]. *Copy*: G.

10.428. *Materiale pentru flora Basarabiei* ... Bucureşti (Institul de arte grafice Bucovina ...) 1924. Oct. (*Mat. fl. Basarab.*).
Co-author: Tscharna Rayss (1890-1965).
Pars 1: 1924, p. [1]-80, map, [1, err.]. *Copy*: B. – Issued as supplement to Buletinul agriculturii, 2, 1924.
Pars 2: 1926, p. [i], 81-230, [1, err.]. *Copy*: B. – Idem to vol. 3, 1926.
Pars 3: 1934, p. [1]-250, *pl. 1-44*. *Copy*: HH. – Published as Acad. Rom. Stud. cerc. 24, 1934.

10.429. Cateva plante noui sau rare pentru flora Basarabiei. *Quelques plantes nouvelles ou rares pour la flore de Bessarabie* ... [Cluj, 1927]. Oct.
Co-author: Tscharna Rayss (1890-1965), see TL-2/4: 610-611.
Publ.: 1927, p. [52]-54. *Copy*: G. – Reprinted and to be cited Bul. Grăd. Muz. bot. Univ. Cluj 7: 52-54. 1927.

10.430. *Plantes nouvelles ou rares pour la flore de Bessarabie* ... Bucarest (Cultura naţionala) 1928. Oct.
Publ.: 1928, cover-t.p., p. [1]-3. *Copy*: G. – Reprinted and to be cited from Acad. Roum. Bull. Sect. sci. 11(4): 18-20, [94-96]. 1928.

10.431. *Contributions à la flore d'Arabie* ... Bucarest (Cultura naţionala) 1928. Oct.
Publ.: 1928, cover-t.p., p. [1]-11. *Copy*: G. – Acad. Roum. Bull. Sect. sci. 11(5/6): 14-24, [110-120]. 1928.

10.432. *Contributions à la connaissance des Péronosporacées de Roumanie* ... Berlin (Verlag von R. Friedlaender & Sohn) 1930. Oct.
Co-author: Tscharna Rayss (1890-1965).
Publ.: 1930, cover-t.p., p. [297]-320. *Copy*: G. – Reprinted from Ann. mycol. 28(3-4): [297]-320. 1930. (USDA copy journal rd 23 Oct 1930).

10.433. *Materiale pentru flora basarabiei* ... Bucureşti (Moniturul oficial ...) 1934. Oct. (*Mat. fl. basarab.*).
Co-author: Tscharna Rayss (1890-1965).
Publ.: 1934 (Nat. Nov. Mai 1935), p. [1]-250, *pl. 1-44* (uncol.). *Copies*: G, NY. – Publ. Acad. Rom. Studii cerc. 34, 1934.

10.434. *Contributions à la connaissance des Ustilaginées de Roumanie* ... Bucureşti (M.O., Imprimeria naţionala) 1936. Oct.
Publ.: Dec 1935 (in journal; reprint dated 1936), p. [1]-85, [86], *pl. 1-35* with text. *Copy*: G. – Reprinted and to be cited from Ann. Inst. Cerc. agron. Român. 7: 347-430, *pl. 1-35* (id.) 1936.

10.435. *Contribution à la connaissance des Macromycetes de Roumanie* ... Bucureşti (Monitorul oficial ... Imprimeria naţională) 1938. Oct. (*Contr. conn. Macromyc. Roumanie*).
Publ.: 1938, cover-t.p., p. [1]-72, *pl. 1-5*. *Copy*: G. – Issued as Acad. Roum. Mem. Secţ. st iinţ. ser. 3. 13 (mem. 8).

10.436. *Herbarium mycologicum romanicum* fasc. i-xxv (1929-1940) ... index des genres, espèces, sous-espèces, variétés, formes, synonymes et des plantes hospitalières ... Bucureşti (Monitorul oficial şi imprimeriile statului imprimeria natională) 1941. Oct. (*Herb. myc. rom. index i-xxv*).
Publ.: 1941, p. [1]-87. *Copies*: G, NY.
Index i-xxx: 1951, p. [1]-115, [116], err. slip. *Copy*: G. – *Herbarium* ... fasc. i-xxx 1929-1950 index de genuri, ... [Bucureşti] (Editura de Stat ...) 1951.
Index i-x: 1933 (n.v.), 43 p.
Note: Other major mycological papers published after our closing date e.g.: *Monographia Uredinalium* Reipublicae popularis Romanicae, 2 vols., 1953, and *Ustilaginales* Reipublicae popularis Romanicae, 2 vols., 1957.

Sawada, Kaneyoshi (Kenkichi) (*fl.* 1920), Japanese botanist. (*Sawada*).

HERBARIUM and TYPES: Unknown. Some material at E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 217; BL 1: 122, 317; Kelly p. 207; Kew 4: 608; LS suppl. 24351-24373; MW p. 431-433, suppl. 307-308; Stevenson p. 1257.

BIOFILE: Kopponen, T., *in* G.C.S. Clarke, ed., Bryophyte systematics 166. 1979.

EPONYMY: *Sawadaia* Miyabe ex Sawada (1914).

10.437. *Descriptive catalogue of the Formosan fungi* ... Taihoku, Formosa (published by the [Agricultural Experiment] Station), 1919-1959, 11 parts. (*Descr. cat. Form. fung.*).
1: Dec 1919, p. [1-108], *14 pl.* with each 1 p. expl., [i], 1-685 [695?]. Special Bull. 19 Agr. Exp. Sta. Formosa.
2: Dec 1922, p. [i-xxiii], *9 pl.* w.t., [1-173]. Rep. 2. Dept. Agr. Govt. Res. Inst. Formosa.
3: Sep 1927, p. [i-iv], [1]-62, *4 pl.* w.t., [1]-7, [1]. Rep. 27. Id.
4: Jul 1928, p. [i-vi], [1]-123, *4 pl.* w.t., 1-37, [1]. Rep. 35.
5: Mar 1931, p. [i-vi], [1]-131, *5 pl.*, [1]-4, [1], [1]-8, [1], [1]-4. Rep. 51.
6: Nov 1933, p. [i-ii], [1]-98, *2 pl.* w.t., [1]-3, [1]-6. Rep. 61.
7: Oct 1942, p. [i-vi], [1]-170, *2 pl.* w.t., [1], [1]-8, [1], [1]-20, [1], [1]-13. Rep. 83.
8: Jul 1943, p. [i-iv], [1]-130, *6 pl.* w.t., [1]-6, [1], [1]-11, [1], [1]-5. Rep. 85.
9: Nov 1943, p. [i-vi], [1]-178, *5 pl.* w.t., [1]-5, [1], [1]-15, [1], [1]-7. Rep. 86.
10: Apr 1944, p. [i-iv], [1]-96, [i], *pl. 1-5*, [1], [1]-4, [1], [1]-9, [1], [1]-6. Rep. 87.
11: Jul 1959, p. [i*-iv*], i, 1-268. *pl. 1-12*. Edited by Rokuya Imazeki, Nashide Hiratsuka and Hidefumi Asuyama, Spec. Publ. 59, Coll. Agr. Taipei, Taiwan.
Copies: HH, NY(1), PH(1, 3), Stevenson (1-11), USDA(5).

10.438. *List of fungi found in Formosa* ... [1931].
Publ.: 1931 (fide MW), p. [i, iii], [1]-103. *Copies*: FH, USDA.

Sawer, John Charles (x-1904), British botanist working on perfume-bearing plants. (*Sawer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 217; BM 4: 1816; Desmond p. 545 (d. 23 Aug 1904); Langman p. 676; Rehder 3: 454, 637; Tucker 1: 626.

BIOFILE: Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 255.242. 1980.
Jackson, B.D., Proc. Linn. Soc. 117: 54. 1905 (d.).

10.439. *Odorographia*, a natural history of raw materials and drugs used in the perfume industry. Intended to serve growers, manufacturers, and consumers ... London (Gurney & Jackson, ...) 1892. (*Odorographia*).
Ser. [*1*]: 1892 (Nat. Nov. Oct(1) 1892), p. [i]-xxiii, [1]-383. *Copy*: E.
Ser. 2: 1894 (pref. Mar 1894), p. [i-vii], [1]-523, [1-9], [1]. Supplement to "ser. 1". *Copy*: E.

10.440. *Rhodologia*. A discourse on roses and the odour of rose ... Brighton (W.J. Smith, ...) 1894. Oct. (*Rhodologia*).
Publ.: 1894, p. [1]-93. *Copy*: E.

Sax, Karl (1892-1973), American botanist; BS Washington State Coll. 1916, at Bussey Institution of Harvard University 1916; M.S. ib. 1917, in military service 1917-1919; at the Agricultural Experiment Station, University of Maine, Orono, Maine 1920-1928; D.Sc. Bussey Inst. 1922; associate professor of plant cytology Arnold Arboretum and Bussey Institution 1928-1936; full professor 1936-1959, acting director (1946) and director of the Arnold Arboretum 1947-1954; worked mainly on cytology, genetics and horticulture; Dr. Sci. h.c. Univ. Maine 1971 (*Sax*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 218 (b. 2 Nov 1892); Biol.-Dokum. 15: 7870; BJI 2: 152; Bossert p. 350; IH 1 (ed. 4): 85; Langman p. 676; NCAB 58: 511; Tucker 3: 269.

BIOFILE: Anon., Amer. men Sci. ed. 3: 600. 1921, ed. 4: 858. 1927, ed. 5: 976. 1933, ed. 6: 1238. 1938, ed. 7: 1550. 1944, ed. 8: 2170. 1949., ed. 9. 2: 983. 1955, ed. 10: 3554. 1961, ed. 11: 4674. 1967, ed. 12: 5524. 1972; Hortscience 8(6): 519. 1973 (obit., portr.); Natl. cycl. Amer. biogr. 58: 511. 1979; Who's who Amer. 22: 1927. 1942-

1943, 23: 1861. 1944-1945, 24: 2071. 1946-1947, 25: 2169. 1948-1949, 26: 2413. 1950-1951, 27: 2129. 1952-1953, 28: 2348. 1954-1955, 29: 2253. 1956-1957, 30: 2423. 1958-1959, 31: 2533. 1960-1961, 32: 2736. 1962-1963, 33. 1964-1965, 34: 1865. 1966-1967; Who was who Amer. 6: 360. 1974-1976; World biogr. 1-2, p. 4215. 1948.
Brown, C.L., Bull. Amer. Ass. bot. Gard. Arbor. 8(1): 35. 1974 (obit., portr.).
Ewan, J. et al., Short hist. bot. U.S. 20, 136. 1969.
Howard, R.A., J. Arnold Arb. 53(3): 333-343. 1974 (main biogr., bibl., portr.).
Sutton, S.B., Charles Sprague Sargent 297, 347. 1970; Arnoldia 32: 2-20. 1972 (The Arboretum administration: an opinionated history).
Swanson, C.P., Genetics 83(1): 1-4. 1976 (obit., portr.).
Verdoorn, F., ed., Chron. bot. 1: 30. 1935, 2: 30, 330, 405. 1936, 3: 291, 292, 294, 300. 1937, 4: 162. 1936, 6: 135, 234, 262. 1939, 7: 44. 1943.

Saxén, Uno Alfons (1863-1948), Finnish high school teacher and amateur botanist; Dr. phil. Helsinki 1892 (*Saxén*).

HERBARIUM and TYPES: H (mainly Hieracium and Taraxacum).

BIOFILE: Hiitonen, I., Luonnon Tutkija 52: 51. 1948 (obit., portr.).

10.441. *Die Varietäten von Carex salina* Wg ssp. cuspidata Wg nebst ihren Hybriden an den Küsten des Bottnischen Busens, Finnland ... Helsingforsiae 1938. Oct.
Publ.: 7-13 Mai 1938 (reprint; info. P. isoviita), p. [1]-30, *pl. 1-5*. – Issued as Acta botanica fennica 22, 1938 (together with no. 23, Marklund, TL-2/5433).

Say, Thomas (1787-1834), American naturalist, entomologist, zoologist and Quaker; energetic collector; with the Academy of Natural Sciences of Philadelphia 1822-1825; with the settlement at New Harmony, Indiana 1825-1834. (*Say*).

HERBARIUM and TYPES: PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 218; BM 4: 1817-1818, 8: 1144; Bossert p. 351; DAB 16: 401-402; DSB 12: 132-134; Ewan ed. 1: 10, 218, 237, 253, 281, 289, 298, ed. 2: 194; ME 1: 227, 3: 650, 739 (indexes; detailed bibl. info.); PH p. 523 [index]; Quenstedt p. 378; SIA 7103, 7112, 7177, 7298; TL-2/3275, 3569, see W.H. Keating.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1942-1943. 1870.
Anon., Amer. J. Sci. 27: 393-395. 1835 (obit.); Amer. malac. Union, Ann. Rep. 1957: 7-8 (note on R.I. Johnson's A visit to Thomas Say's New Harmony); Brit. Mus. gen. cat. print. books 213: 992. 1964; Natl. Cycl. Amer. Biogr. 6: 362-363. 1896; Proc. Biol. Soc. Washington 4: 98-102. 1888 (brief biogr.); Proc. Pennsylv. Acad. Sci. 29: 25, 28-31. 1955 (biogr. sketch); Who was who Amer., Hist. vol. 1607-1896: 537. 1967.
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Barnhart, J.H., Mem. Torrey bot. Cl. 16: 299. 1921; Bartonia 16: 33-34. 1934 (corr. Schweinitz).
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Carpenter, M.M., Amer. Midl. Natural. 33(1): 90-91. 1945 (additional biogr. refs.).
Dall, W.H., Proc. Biol. Soc. Washington 4: 98-102. 1888.
Darlington, W., Reliq. Baldwin. 287, 294, 298, 301, 302, 305, 310, 313, 317, 320. 1843.
Davis, J.J., Proc. Indiana Acad. Sci. 41: 46-49. 1932 (entomologists in Indiana).
Drake, F.S., Dict. Amer. biogr. suppl. 801-802. 1872.
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Elliott, C.A., Biogr. dict. Amer. Sci. 228. 1979.
Essig, E.O., History Entomology 750-756. 1931.
Fox, W.J., Entom. News 12: 110-113, 138-141, 173-177, 203-205, 233-236, 281-283, 314-316. 1901, 13: 9-12. 1902 (letters from Thomas Say to J.F. Melsheimer 1816-1825).
Gilbert, P., Comp. biogr. lit. deceased entom. 334-335. 1977.
Graustein, J.E., Thomas Nuttall 477 [index, many entries] 1967.

Harris, G.D., Bull. Amer. Paleont. 1(5): 273-354. 1896 (reprint of palaeontol. writings of Th. Say).
Ireland, N.O., Index to scientists of the world 538. 1962.
Jaffe, B., Men of Science in America 130-153. 1944 (biogr.).
Kingsley, J.S., Pop. Sci. Mon. 21: 687-691. 1892 (portr., brief biogr.).
Mallis, A., American entomologists 16-25. 1971.
McKelvey, S.D., Bot. expl. Trans-Miss. West. 1137. 1955 [index].
Mauntel, H.W., Trans. Illinois State Acad. Sci. 27(2): 157-158. 1934 (brief sketch).
Mears, J.A., Proc. Acad. nat. Sci. Philadelphia 133: 161. 1981 (coll. PH).
Nissen, C., Zool. Buchill. 361-362. 1969.
Pennell, F.W. & J.H. Barnhart, Monogr. Acad. nat. Sci. Philadelphia 1: 618. 1935 (coll. at PH).
Sabin, J., Dict. books America 3: 566. 1870, 9: 210-211, 398. 1877, 18: 562-565. 1889.
Scudder, S.H., Psyche 6: 57-60, 121-124, 137-141, 169-172, 185-187, 297-298, 345-346, 357-358. 1891 (corr.), 8: 399-401, 411-414. 1899 (notes by T.W.Harris on Say's insects and papers).
Sterki, V., Nautilus 21: 31-34. 1907 (on Say's early conchology).
Voss, E.G., Contr. Univ. Mich. Herb. 13: 31, 40. 1978.
Webster, F.M., Entom. News 6: 1-4, 33-34, 80-81, 101-103. 1895 (biogr., portr.).
Weiss, H.B., Entom. News 64: 57-60. 1953 (on S's home at New Harmony).
Weiss, H.B. & G.M. Ziegler, J., N.Y. Entom. Soc. 35: 231-239. 1927 (the communism of T. Say); Thomas Say, early American naturalist, Springfield, Baltimore 1931, 260 p. (main biogr., further secondary refs., portr.) (rev. by T.D.A. Cockerell, Science 72: 264-265. 1931).
Wilson, J.G. & J. Fiske, Appleton's Cycl. Amer. biogr. 5: 410-411. 1888.
Youmans, W.J., Pioneers of science in America 215-222. 1896 (portr., brief biogr.).

NOTE: Most of Thomas Say's publications were on conchology and entomology; for collected writings see:
1. W.G. Binney, ed., Complete writings of T.S. On the conchology of the United States, New York 1858, vi, 252 p., 75 pl.
2. J.L. Le Conte, ed., The complete writings of T.S. on the entomology of North America, with a memoir of the author by Geord Ord, New York, 1859, 2 vols., 55 pl. (other eds. 1869, 1891).
For botanical contributions, mostly in works by others, see e.g. the references in Ewan eds. 1 & 2, and those in the TL-2 indexes.

Sayre, Geneva (1911-x), American bryologist, botanical historian and bibliographer; Dr. phil. Univ. Colorado 1938; instructor in biology, Univ. of Colorado 1938-1940; id. at Russell Sage College 1940-1941; assistant professor of botany at Russell Sage College 1941-1945, associate professor 1945-1947, professor 1947; in retirement associated with Farlow Herbarium of Harvard University. (*Sayre*).

HERBARIUM and TYPES: FH, other types and material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 218 (b. 12 Jun 1911); Roon p. p. 99-100; SBC p. 131.

BIOFILE: Anon., Amer. men sci. ed. 7: 1551. 1944, ed. 8: 2171. 1949, ed. 9. 2: 984. 1955, ed. 10: 3556. 1961, ed. 11: 4677. 1967, ed. 12: 5527. 1972, ed. 14: 4434. 1979; Taxon 33: 162. 1984 (Hedwig medal); Who's who Amer. women ed. 3. 891. 1965, ed. 5. 1063. 1969.
Hesterberg, C.S., Bryol. Times 11: 4-5. 1981 (Festschrift).
Kaye, G.C., Occ. Pap. Farlow Herb. 16: 9-12. 1981 (bibl.).
Rollins, R.C., Occ. Pap. Farlow Herb. 16: 7-8. 1981 (personal note).
Steere, W.C., Occ. Pap. Farlow Herb. 16: 1-4. 1981 (biogr.).
Temple, R.Z., Occ. Pap. Farlow Herb. 16: 5. 1981 (S. as town historian).

COMPOSITE WORKS: *Splachnaceae*, *in* A.J. Grout, *Mossflora of North America* 2(1): 67-138, *pl. 26-57*. 1935; *Timmiaceae* and *Aulacomniaceae*, *in* id. 139-210. *pl. 58-83*.

FESTSCHRIFT: Occasional papers of the Farlow herbarium 16, 1981.

NOTE: The authors of TL-2 are indebted to Geneva Sayre for her continuous help and assistance through published and unpublished information. For information on *Cryptogamae exsiccatae* we have leaned heavily on her annotated bibliography, in the Memoirs of the New York Botanical Garden vol. 19(1-3): 1969-1975 (see e.g. Taxon 19: 129-130. 1970); other important sources are *Dates of publications describing Musci 1801-1802*, Troy 1959 (SY) and *Authors of names of Bryophytes and the present location of their herbaria*, Bryologist 80: 502-521. 1977.

Sbarbaro, Camillo (1888-1967), Italian botanist (lichenologist) and high school teacher for classical languages at Genova. (*Sbarbaro*).

HERBARIUM and TYPES: GDOR; other material at DBN, FH, H (musci, lich.), LD, M, S, SOM.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 522 (bibl.), *pl.* [*28*]; IH 1 (ed. 7): 342, 2: (files); LS suppl. 24386.

BIOFILE: Anon., Herbarium 77: 283. 1927 (lichen herb., 5832 specimens, for sale), 78: 307. 1928 (lichen herb., 5832 specim. for sale), 365. 1928 (bryol. herb., 8506 specim., for sale).
Capocaccia, L. & R. Poggi, Arch. nat. Hist. 11(1): 115. 1982 (coll.).
Gyelnik, V.K., Ann. Hist.-nat. Mus. natl. Hung., Bot. 31: 56. 1938.
Hertel, H., Mitt. Bot. München 16: 428. 1980 (lich. M).
Sayre, G., Bryologist 80: 517. 1977.
Verdoorn, F., ed., Chron. bot. 1: 197. 1935 (lichen herb. and library at Genova [GDOR]).

Scalia, Giuseppe (1876-?), Italian mycologist; assistant at the college for viticulture at Catania, Sicilia. (*Scalia*).

HERBARIUM and TYPES: CAT, PAD.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1819; Bossert p. 351 (b. 2 Apr 1876); IH 2: (files); LS 23772-23782, 38833-38835; Saccardo 2: 98.

10.442. *I funghi della Sicilia orientale* e principalmente della regione Etnea ... [Mascalucia, Catania 1900-1901, 2 ser.]. (*Fung. Sicil. orient.*).
Ser. 1: 1900 (p. 49: Jun 1900), p. [1]-55. *Copy*: FH. – Issued as Atti Acad. Gioenia Sci. nat. Catania ser. 4. 13, 1900.
Ser. 2: 1901 (p. 37: Apr 1901), p. [1]-42. *Copy*: FH. – Issued as id. ser. 4. 14. 1901.
Ser. 3: 1902 (p. 17: Jun 1902), p. [1]-17. *Copy*: FH. – Issued as id. ser. 4. 15. 1902.

10.443. *Mycetes siculi novi* ... [Catania (Galàtola) 1904].
Publ.: 1904 (p. 14: Mai 1903), p. [1]-14. *Copy*: FH. – Issued as Mem. viii of Atti Accad. Gioenia Sci. nat. Catania ser. 4. 17, 1903.

Scamman, Edith Henry (1882-1967), American botanist; B.A. Wellesley College 1907, M.A. comparative literature Radcliffe College 1909; engaged in church-work until 1935; studied botany with M.L. Fernald at Radcliffe 1935; on nine collecting trips to Alaska between 1936 and 1954; associated with the Gray Herbarium through M.L. Fernald and C.A. Weatherby, especially interested in Pteridophytes; collected in Costa Rica between 1951 and 1956 and in Puerto Rico and Guadeloupe 1960; on the Gray Herbarium visiting committee 1942-1946; research associate 1949-1962; honorary research associate 1962-1967. (*Scamman*).

HERBARIUM and TYPES: GH (incl. slides, indexes and other manuscript material). Other material in MIN and US.

10.443a. *A list of plants from interior Alaska* ... Reprinted from Rhodora ... 1940. Oct.
Publ.: Sep 1940, p. [i], [309]-349. *Copy*: HH. – Reprinted from Rhodora 42: [309]-349. 1940. – Issued as Contr. Gray Herb. Harvard Univ. no. 132.

Scannagatta, Josue (1773-1823), Italian botanist, student of G. Marsili at Padova; curator of the botanical garden of the University of Pavia 1774-1802; founder and director of the botanical garden and professor of botany at the University of Bologna 1802-1815. (*Scannagatta*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1820; CSP 5: 429; Dryander 3: 594; Kew 4: 611; Rehder 5: 762; Saccardo 1: 148-149 (d. 4 Mar 1823), 2: 98; SO 526, 598, 599; TL-1/714; TL-2/6575.

10.444. Caroli a Linné ... *Systema vegetabilium* secundum classes, ordines et genera cum characteribus et differentiis iuxta edit. xiv. a clar. Ió. And. Murray editio xv. curante Iosue Scannagatta ... 1789. Ticini [Pavia] (excudebat Petrus Galeatius ...) [1789]. Oct. (*Syst. veg.*).
Publ.: 1789, p. [1]-165, [1, err.], [1-20, index], [1]-72 (Plantae officinales Linnaeana methodo distributae). *Copies*: FI, G. – For *Syst. veg.* ed. 14, by J.A. Murray, see TL-2/6575; for a list of the *Systema vegetabilium* editions see under TL-2/4709, C. Linnaeus, *Syst. nat.*
Other ed.: 1805, p. [i-ii], 1-230, [1-22, index], [1-2, err.]. *Copies*: FI, HH. – Caroli a Linné ... *Systema vegetabilium* secundum classes, ordines et genera a clar. Willdenowia partim, partimque a summa plantarum desumpta adiecta appendice plantarum officinalium cum characteribus et differentiis specificis &c. curante Iosue Scannagatta ... Bononiae [Bologna] (Excudebat Iacobus Marsiglj ...) 1805. Oct. – SO 599.

10.445. *Appendix specierum plantarum officinalium* Linneana methodo distributarum ... Bononiae [Bologna] (excudebat Jacobus Marsigli ...) 1805. Oct. (*App. sp. pl. off.*).
Publ.: 1805, p. [i], 1-123. *Copy*: HH.

10.446. *Synopsis plantarum horti* regii botanici *bononiensi* anno mdcccxiii. Bononiae [Bologna] (typis Ulissis Ramponi) [1813].
Publ.: 1813 [1814?], p. [1]-47. *Copy*: FI. – The new names are nomina nuda.

Scepin, Constantin (1727- ?), Russian botanist and physician; Dr. med. Leiden 1758. (*Scepin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 219 (b. 1727, Viatka, Russia); CSP 3: 80; Hortus 3: 1203; PR 8096, ed. 1: 9052; Rehder 1: 180; RS p. 140; SA 2: 601; TL-1/1151.

BIOFILE: Hulth, J.M. & A.H. Uggla, Bref Skrifv. Linné 2(2): 122. 1943.

EPONYMY: *Scepinia* Necker ex Cassini (1827) probably honors Scepin but no etymology was given.

10.447. Schediasma chemico-medicum inaugurale *de acido vegetabili*, quod cum annotationibus botanicis, annuente deo ter opt. max. ex auctoritate magnifici rectoris, D. Adriani van Royen, ... nec non amplissimi senatus academici consensu, & nobilissimae facultatis medicae decreto, pro gradu doctoratus, summisque in medicina honoribus & privilegiis rite ac legitime consequendis, publico & amico examini sistit Constantinus Scepin, e Wiatka Russus. Ad diem 19. Maji 1758. hora locoque solitis ... Lugduni Batavorum [Leiden] (apud Gerardum Potvliet) 1758. Qu. (*Acid. veg.*).
Publ.: 19 Mai 1758, p. [i-viii], 1-44. Dissertatio on p. 1-16, theses p. [17-20], annotationes botanicae on p. 21-44. *Copies*: L (Univ. libr.), NSUB; IDC 5711. - *Note*: the entry for *Crassina* in *Index nominum genericorum* should be corrected to "19 Mai 1758".

Schaarschmidt, Julius after 1886 Gyula [von] Istvánffi de Csík Madéfalva (1860-1930), Hungarian botanist; professor of botany at the Technical University of Budapest. (*Schaarschmidt*; *Istv.*).

HERBARIUM and TYPES: BP.

NOTE: Also treated, for publications under his later name Istvánffi, in TL-2/2: 390, q.v. The "magyarisation" of his name took place in 1886.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 42, 49, 267, 323; Barnhart 2: 235, 3: 219; BM 2: 912; Bossert p. 191; CSP 16: 28; De Toni 1: cx-cxi (Schaarschm.), 4: xxxi (Istv.), ciii-civ (Schaarschm.); GR 658 (b. 5 Apr 1860, d. 16 Aug 1930); Hirsch p. 135; IH 2: 303; Kew 3: 124; LS 13341-13389, 35157-35194, suppl. 12674-12697; Morren ed. 10, p. 40; Nordstedt p. 18-19, 28; Plesch p. 277; Rehder 1: 66, 137, 525; TL-2/1149, 3197-3198; Tucker 1: 363.

BIOFILE: Anon., Österr. bot. Z. 16: 71. 1886 (name changed to Istvánffi).
Krücken, O. & I. Parlagi, Das geistige Ungarn 547-548. 1918 (sub Istvánffy).
Pax, F., Grundz. Pfl.-Verbr. Karpathen 29, 35, 45, 49, 50, 60. 1898 (Veg. Erde 2(1)).
VanLandingham, S.L., Cat. Diat. 4: 2367. 1971, 5: 2924. 1975, 6: 3552. 1978, 7: 4224-4225. 1978.
Wittrock, V.B., Acta Horti Berg. 3(2): 157, *pl. 22*. 1902 (portr.), 3(3): 170. 1905.
Wood, R.D., Monogr. Charac. 1: 818, 839. 1965.
Zimmermann, W., Ber. deut. bot. Ges. 48: 321. 1930.

10.448. Resultate der wissenschaftlichen Erforschung des Balatonsees ... Zweiter Band. Die Biologie des Balatonsees und seiner Umgebung. Zweiter Theil. Die Flora des Balatonsees. Erste Section. *Die Kryptogamen* ["*Kryptogomon*"] *Flora des Balatonsees* und seiner Nebengewässer von ... Julius von Istvánffi [earlier: J. Schaarschmidt] ... Wien (Commissionsverlag von Ed. Hölzel) 1898. Qu. (*Krypt. Fl. Balatonsees*).
Publ.: Jan-Jul 1898 (Nat. Nov. Aug(2) 1898), p. [1]-148, [149]. *Copies*: C, FH, LD. – Treats *algae*.

Schabel, A. (1792-1836), German botanist and high school teacher at the "Gymnasium" at Ellwangen. (*Schabel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1820; CSP 5: 432; PR 8097, ed. 1: 9053; Rehder 1: 379; TL-1/1152.

BIOFILE: Lehmann, E., Schwäbische Apotheker 199. 1951 (b. 1792, d. 1836).

10.449. *Flora von Ellwangen* ... Stuttgart (Druck der Offizin der P. Balz'schen Buchhandlung) 1836. Oct. (in 4-s). (*Fl. Ellwangen*).
Publ.: Dec 1836 (p. v: Sep 1836; Hinrichs 18-24 Dec 1836; Flora 28 Jan 1837 (rev.)), p. [i*], [i]-xii, [1]-100. *Copies*: B, REG (fide M. Müllerott, Hoppea 34: 312. 1976), John Crerar Library.
Ref.: Anon., Flora 20: 11-13. 1837 (rev.).

Schacht, Hermann (1814-1864), German (Hamburg) botanist; studied pharmacy at Altona (Holstein); practiced at Braunschweig, Hamburg, Emmerich, Aachen and at Altona until 1847; studied at Jena 1841-1842; assistant with M. Schleiden 1847; Dr. phil. Jena 1850; in Berlin 1850, as private lecturer from 1853-1860; on Madeira for health reasons 1855-1857; professor of botany and director of the botanical garden at Bonn 1860-1864; worked mainly on plant anatomy and embryology. (*Schacht*).

HERBARIUM and TYPES: B (mainly destr.); some herbarium material from Madeira at C. For a list of anatomical preparations left by Schacht upon his death see Groenland (1864); this collection was bought by the Russian government for the University of

Warsaw. – *Letters* to D.F.L. von Schlechtendal at HAL, to F.A.W. Miquel at U. – *Manuscripts* and 884 original drawings at B (rd 1973). – For the sales catalogue of Schacht's botanical collections (microscopical preparations; models; posters) see Pringsheim 1864.

BIBLIOGRAPHY and BIOGRAPHY: ADB 30: 482-486 (C. Wunschmann); Ainsworth 74, 316, 347; Barnhart 3: 219; Biol.-Dokum. 15: 7881; BM 4: 1820-1821; CSP 5: 433-434, 8: 843, 11: 296, 12: 652; Frank 3 (Anh.): 89; GR p. 129 (b. 15 Jul 1814, d. 20 Aug 1864); Herder p. 38, 121, 132, 218; Jackson p. 70, 89, 92, 147, 172, 219, 353; Kew 4: 612; Kleppa p. 29; KR p. 620; LS 23787a-23801; Moebius p. 170, 456 [index]; NI 1197, 1739-1743, 1755; PR 8098-8107; Ratzeburg p. 454-456; Rehder 1: 521, 5: 762-763; TL-2/3742; Tucker 1: 627; Urban-Berl. p. 312, 391.

BIOFILE: Anon., Amer. J. Sci. ser. 2. 41: 264. 1866 (d.); Bonplandia 1: 16, 261. 1853, 2: 147, 189. 1854, 3: 24, 78, 246. 1855, 4: 397. 1856, 5: 46, 51, 361. 1857, 6: 51. 1858, 8: 188. 1860 (app. Bonn); Bot. Zeit. 13: 640. 1855 (to Madeira), 18: 176. 1860 (app. Bonn), 22: 272 (d.), 351. 1864 (library for sale, 579 nos.); Brit. Mus. gen. cat. print. books 214: 38-39. 1964; Bull. Soc. Bot. Belg. 3: 421-423. 1864 (obit.); J. Bot. 2: 360. 1864; Flora 38: 518. 1855 (to Madeira), 40: 48. 1857 (continues work on Madeira), 43: 367. 1860 (ord. prof. bot. Bonn), 47: 425. 1864 (d.). 48: 44. 1865 (J. Hanstein succeeds S. at Bonn); Österr. bot. Z. 10: 201. 1860 (app. Bonn), 14: 326. 1864 (d.), 16: 200. 1866 (coll. prep. to Univ. Warsaw); Sterbeeckia 3(4): 20-21. 1964 (portr.).
Asen, J., Gesamtverz. Lehrkörp. Univ. Berlin 1: 168. 1955.
Baillon, H., Dict. bot. 4: 29. 1891.
Becker, K. & E. Schumacher, S.B. Ges. naturf. Fr. Berlin ser. 2. 13(2): 147. 1973 (bibl. refs.).
Bridson, G.D.R. et al., Nat. Hist. mss. res. Brit. Isl. 229.421. 1980.
Fitting, H., Decheniana 105/106: 4-5. *pl. 1.* 1952 (portr.).
Freund, H. & A. Berg, et al., Gesch. Mikroskopie 49, 164, 167, 173, 218. 1963.
Fournier, E., Bull. Soc. bot. France 11 (bibl.): 144. 1864 (d.).
Frison, Éd., Henri Ferdinand Van Heurck, 14, 42, 65, 66, 87. 1959.
Groenlandt, J., Bull. Soc. bot. France 11 (bibl.): 235-240. 1864 (obit., list of collections of preparations); Belgique hort. 14 (11-12): 344-345. 1864 (obit.).
Grunert, J.T., Forstl. Blätt. 9: 219. 1865 (obit. not.).
Hess, R., Lebensbild. hervorr. Forstmänn. 310-311. 1885 (bibl.).
Hein, W.H. & H.D. Schwarz, Deut. Apoth. Biogr. 2: 561-562. 1978.
Högrell, B., Bot. hist. 240. 1886.
Hryniewiecki, B., Edward Strasburger 100 [index]. 1938.
Jessen, K.F.W., Bot. Gegenw. Vorz. 446, 472. 1864.
Mägdefrau, K., Gesch. Bot. 145, 152, 211, 255, 276, 278, fig. 78. 1973.
Morton, A.G., Hist. bot. Sci. 397, 410, 429. 1981.
Overbeck, F., Decheniana 105/106: 18-19. 1952.
Pringsheim, E.G., Julius Sachs 15, 22, 38, 183, 185. 1932.
Pringsheim, N., Verzeichniss und Beschreibung der von Hermann Schacht, ... hinterlassenen verkäuflichen botanischen Sammlungen. Jena (Druck von Friedrich Frommann). 1864, p. [i]-iii, [1]-16 (*copy*: G); Bull. Soc. bot. France 12 (bibl.): 192. 1865 (coll. prep. to Warsaw).
Sachs, J., Gesch. Bot. 364-365, 611. 1875, Histoire bot. 349-359, 450. 1892.
Van Heurck, H., Ann. Soc. phytol. Anvers 1: 28-32. 1864 (obit., bibl.).
Walpers, G., Flora 36: 65-67. 1853 (on criticism of "Die Pflanzenzelle").

EPONYMY: *Schachtia* G.K.W.H. Karsten (1859). *Note*: *Schachtia* S. Schulzer von Müggenburg (1866) may also honor Schacht but no etymology was given.

10.450. *Entwickelungs-Geschichte des Pflanzen-Embryon* ... [Verhandelingen der eerste Klasse van het Koninklijk-Nederlandsche Instituut van Wetenschappen, Letterkunde en Schoone Kunsten te Amsterdam. Derde Reeks, Tweede Deel. Amsterdam (J.C.A. Sulpke) 1850]. Qu. (*Entw.-Gesch. Pfl.-Embr.*).
Publ.: Nov-Dec 1850 (t.p. journal 1850; p. iv Nov 1850), p. [i-iv, preface material journal issue], [1]-234, *pl. 1-26* (partly col. liths. auct.). *Copies*: HH, MO, NY, U. – Issued

as Verh. 1. Kl. Ned. Inst. Wet. ser. 3. 2. – See also his *Beitrag zur Entwickelungs-Geschichte der Farrnkräuter*, Linnaea 22: 751-792. Dec 1849.

10.451. Physiologische Botanik. *Die Pflanzenzelle*, der innere Bau und das Leben der Gewächse. Für Botaniker, Anatomen, Chemiker, Forst- und Landwirthe, sowie für Naturkundige überhaupt. Nach eigenen vergleichenden, mikroskopisch-chemischen, Untersuchungen bearbeitet ... Berlin (Verlag von G.W.F. Müller) 1852. Oct. (*Pflanzenzelle*).
Publ.: 1852 (p. viii: Apr 1852), p. [i]-xvi, [1]-472, *pl. 1-20* (some p.p. col.). *Copies*: B, B-S, C, Crear, G, H, HH, M, NSUB, NY. – Later edition see *Lehrb. Anat. Physiol. Gew.* 1856-1859, below.

10.452. *Der Baum.* Studien über Bau und Leben der höheren Gewächse ... Berlin (Verlag von G.W.F. Müller) 1853. Oct. (*Baum*).
Ed. [*1*]: 1853 (p. viii: Jun 1853), frontisp., [i]-xvi, [1]-400, [401, err.; 402, adv.], *pl. 1-6* (liths., auct., *pl. 1-4* col.]) (with frontisp. and plate on cover 8 liths.). *Copies*: B, BR, NSUB, Univ. Virginia.
Ed. 2: 1860 (p. iv: Jun 1860), p. [i]-viii, [1]-378, [379-380 adv.], *pl. 1-4* (uncol.). *Copies*: FI, H-UB, U, Wagenitz.
French transl.: 1862 (p. vi: 15 Sep 1861), p. [i*], frontisp., [iii*-iv*], [i]-xi, [1]-456, *pl. 1-4* (monochr. liths. auct.). *Copies*: B-S, BR, HH, LC. – "*Les arbres* études sur leur structure et leur végétation par le Dr H. Schacht ... traduit d'aprés la deuxième édition allemande par Édouard Morren [1833-1886] ... Ouvrage publié sous les auspices de feu le B^ôn Al. de Humboldt". Bruxelles (Charles Muquardt, ...) Paris (Schulz et Thuillié, ...) 1862. Oct.
Re-issue: *French transl.*: 1864, p. [i*-ii*], frontisp., [iii*-v*], [i]-xi, [1]-456, *pl. 1-4* (id.). *Copy*: USDA.
Russian transl. (of ed. 1): 1857, see Rehder 1: 82.
Ref.: Pringsheim, N., Bot. Zeit. 11: 605-611. 26 Aug 1853, 11: 621-626. Sep 1853 (rev. ed. 1).
Schlechtendal, D.F.L. von, Bot. Zeit. 19: 31-32. 25 Jan 1861 (rev. ed. 2).

10.452a. *Beiträge zur Anatomie und Physiologie der Gewächse* ... Berlin (Verlag von G.W.F. Müller) 1854. Oct. (*Beitr. Anat. Physiol. Gew.*).
Publ.: 1854 (p. iv: Jul 1854), p. [1]-328, *pl. 1-9* (uncol. liths. auct.).*Copy*: HH.

10.453. Bericht an das Königliche Landes-Oekonomie-Collegium über *die Kartoffelpflanze* und deren Krankheiten. Nach Untersuchungen welche im Anfrage des Königlichen Ministerii für Landwirthschaftliche Angelegenheiten im Jahre 1854 unternommen wurden ... Berlin (Verlag von Karl Wiegandt) 1856. Qu. (*Kartoffelpflanze*).
Publ.: 1856, p. [i-iii], [1]-29, [30, "Anhang"], *pl. 1-10* (p.p. col. liths. auct.) with text. *Copy*: USDA.

10.454. *Lehrbuch der Anatomie und Physiologie der Gewächse.* Als zweite, vollständig umgearbeitete und stark vermehrte Auflage der Pflanzenzelle ... Berlin (Verlag von G.F.W. Müller) 1856. 2 vols. Oct. (*Lehrb. Anat. Physiol. Gew.*).
1: 1856, p. [i]-viii, [1]-446, [447-448, adv.], *pl. 1-5* (p.p. col. liths.). – "Die Pflanzenzelle ..."
2: 1859, p. [i]-viii, [1]-622, [623], *pl. 6-11* (id.). " Die ... Organe der Pflanze ..."
Copies: HH, M, Wagenitz. – For first edition see *Pflanzenzelle*, 1852, above.

10.455. *Madeira und Tenerife* mit ihrer Vegetation ... nebst einem Anhange: Eine kurze Schilderung meiner Reise und meines Aufenthaltes auf den Inseln ... Berlin (Verlag von G.W.F. Müller) 1859. Oct. (*Madeira & Tenerife*).
Publ.: 1859 (p. iv: Feb 1858; ÖbZ 1 Jun 1859; Bonplandia 15 Apr 1859), frontisp., p. [i-vii], [1]-176, *pl. 1-6* (uncol. liths.) and 10 wood-cuts. *Copies*: BR, G, HH, NY, USDA.
Ref.: Anon., Bonplandia 7: 97. 15 Apr 1859 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 17: 357. 21 Oct 1859 (rev.).

10.455a. *Grundriss der Anatomie und Physiologie der Gewächse.* Zum Gebrauch beim Unter-

richt und zum Selbststudium für Mediciner, Pharmaceuten, Land- und Forstwirthe, sowie für Studirende der Naturwissenschaften überhaupt ... Berlin (Verlag von G.W.F. Müller) 1859. Oct. (*Grundr. Anat. Physiol. Gew.*).
Publ.: 1859 (p. iv: Feb 1859), p. [i]-viii, [1]-208. *Copy*: HH.

10.456. *Zur Kenntniss der Visnea Mocanera* Linn. fil. ... [München 1860]. Oct.
Publ.: 1-14 Jan 1860 (Flora 14 Jan 1860 "soeben"; Singer 1890), p. [45]-63, *pl. 1-3* (uncol., auct.). *Copy*: G. – Reprinted and to be cited from Denkschr. baier. bot. Ges. 4(1): [45]-63, *pl. 1-3*. 1859.
Ref.: Singer, Denkschr. Kön. Bayer, bot. Ges. 6(1): 23. 1890 ("im Jahre 1860 ... erschien").

10.457. *De maculis* (Tüpfel) *in plantarum vasis* cellulisque lignosis obviis. Programma quo pro munere professoris publici ordinarii in ordine philosophorum Universitatis litterariae Fridericae Guilielmae rhenanae rite suscipiendo ad audiendam orationem publicam de silvis in insulis atlanticis obviis de vi. mensis Junii hora xii: in Aula maxima habendam omni qua decet reverentia invitat Hermannus Schacht ... Bonnae [Bonn] (apud Adolphum Marum) 1860. Qu. (*Maculis pl. vasis*).
Publ.: 6 Jun 1860, p. [1]-50. *Copies*: G, M, NSUB.

10.458. *Ueber den Bau einiger Pollenkörner* ... Jahrb. wiss. Bot. 2, 1860 [i.e. 1859]. Oct.
Publ.: Dec 1859 (Flora 21 Jan 1860: statement publ. that journal 2(2) was published Dec 1859), p. [1]-60, *pl. 14-18* (*18* col.). *Copy*: B. – Reprinted and to be cited from Jahrb. wiss. Bot. 2: 109-168. 1859.

10.459. *Die Spermatozoiden* im Pflanzenreich. Ein Beitrag zur Kenntniss derselben ... Braunschweig (Druk und Verlag von Friedrich Vieweg und Sohn) 1864. Oct. (*Spermatozoiden*).
Publ.: 1864 (p. [v]: Mar 1864), p. [i-viii], [1]-54, *pl. 1-6* (uncol. liths. auct.). *Copy*: B.

Schack, Hans (1878-1946), German (Bavarian) lawyer and botanist; judge ("Landesgerichtsdirector") at Coburg, later (from 1930) idem (Reichsgerichtsrat) at Leipzig; interested in Hieracium and Rubus. (*Schack*).

HERBARIUM and TYPES: B (p.p. *Hieracium*; destr. 1943), M (other part, extant); further material (mainly *Hieracium*) at B (extant), HAL, JE, K.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(2): 418 (b. 3 Jul 1878); Barnhart 3: 219; BFM 657; Biol.-Dokum. 15: 7883; BL 2: 153; CSP 18: 477; IH 1 (ed. 6): 364, 2: (files); TL-2/see G. Kükenthal.

BIOFILE: Schwimmer, J., Ber. bayer. bot. Ges. 28: 301-302. 1950 (obit., portr., b. 3 Jul 1878, d. 15 Feb 1946).

10.460. *Zwischen Main und Werra.* Flora der Gefässpflanzen von Coburg und Umgegend einschliesslich des oberen Werragebietes, des Grabfeldgaues, der Hassberge und des Nördlichen Frankenjura ... Coburg (Druck und Verlag von A. Rossteutscher) 1925. Oct. (*Zw. Main & Werra*).
Collaborators: A. Brückner, F. Ruppert, G. Kükenthal, A. Siegel.
Publ.: 1925 (Nat. Nov. Aug 1926; AbZ 20 Dec 1925), p. [i, iii, v], [1]-197, i-viii, map. *Copies*: G, M. – Coburger Heimatkunde und Heimatgeschichte ... Erster Teil: Heimatkunde. Erstes Heft: Pflanzenwelt.
Erster Nachtrag: 1926, p. [1]-31. *Copies*: B, M. – Coburger Heimatblätter, Heft 7, Beilage.
Ref.: Kneucker, A., Allg. Bot. Z. 28/29: 48. 20 Dec 1925 (rev.).

10.461. *Hieracia Thuringiae* et Franconiae quatenus a clarissimo Herm. Zahn adhuc determinata sunt ... Separat-Abdruck aus den Mitteilungen des Thüringischen Botanischen Vereins ... 1930. Oct.
Publ.: 20 Feb 1930 (cover of journal issue dated), cover-t.p., p. [1]-78. *Copies*: B, M. – Reprinted and to be cited from Mitt. Thür. bot. Ver. ser. 2. 39: 1-78. 1930.

10.462. *Flora der Habichtskräuter* (Hieracien) *des* Fürstentums *Liechtenstein* ... Bregenz [1934]. Oct.
Co-author: Johann Schwimmer.
Publ.: 1934, p. [85]-134. *Copy*: B. – Reprinted and to be cited from Jahrb. Hist. Ver. Liechtenst. 34: 85-134. 1934.

Schade, [Friedrich] Alwin (1881-1976), German (Lausitz) botanist (lichenologist); Dr. phil. Jena 1911; high school teacher ("Studienrat") at the Kreuzschule at Dresden 1906-1945; on war duty and p.o.w. in France 1914-1919; schoolsupervisor at Putzkau 1946-1947; Dr. h.c. Dresden Techn.Univ. 1966. (*Schade*).

HERBARIUM and TYPES: Private herbarium and field notes destroyed by fire in Dresden Feb 1945; post-war herbarium (containing e.g. H. Schindler's lichen herbarium) at GLM; a further set of Saxonian lichens (1916-1964) at M.
Exsiccatae: (1) *Hepaticae saxonicae exsiccatae*, with E. Stolle, dec. 1-27, nos. 1-270, 1923-1934. Sets at FH. See Sayre (1971).
(2) *Lichenes saxonici exsiccati*, with E. Stolle and Ernst Riehmer, dec. 1-55, nos. 1-550. Sets at BM, DR (destr.), FH, HAL, L, M, S. – See Sayre (1969).
(3) *Sphagna saxonica*, dec. 1, nos. 1-10, Leipzig 1923 (Herbarium 64: 161. 1923; ÖbZ Sep-Oct 1923). No copy known to Sayre (1971).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 220; Biol.-Dokum. 15: 7883, 7884; BL 2: 153; Christiansen p. 133, 319; Futak-Domin p. 522; GR p. 43, *pl.* [*16*], cat. p. 71; IH 1 (ed. 6): 364, (ed. 7): 342, 2: (files); Kleppa p. 140; LS suppl. 24398-24400; SBC p. 131.

BIOFILE: Anon., Rev. bryol. lichénol. 43: 117. 1977 (d.).
Büttner, R., Abh. Ber. Naturkundemus. Görlitz 51(9): 1-16. 1977 (extensive obit., portr., notes on collections, bibl.).
Dunger, W. & G. Vater, Sächs. Heimatbl. 26: 252. 1980 (coll. GLM).
Huneck, S., International lichenological Newsletter 9(2): 3. 1976 (obit., portr., b. 10 Apr 1881, d. 23 Feb 1976).
Hertel, H., Mitt. Bot. München 16: 428. 1980 (Saxony lichens 1916-1964).
Laundon, J.R., Lichenologist 11(1): 16. 1979 (herb. destr. 1945).
Mattick, F., Nova Hedwigia 26: viii-xi. 1975 (tribute 90th birthday; portr.).
Oberschelp, R., ed., Gesamtverz. deut. Schriftt. 112: 215. 1980.
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Sayre, G., Mem. New York Bot. Gard. 19(1): 163. 1969 (*Lichenes saxonici exsiccati*), 19(2): 250. (*Sphagna saxonica*), 251 (*Hepaticae saxonicae*). 1971; Bryologist 80: 517. 1977.
Schade, A., Natura lusatica 5: 17-48. 1961 (general rev. crypt. stud. Oberlausitz; also inf. on S. himself).
Schindler, H., Herzogia 5: 187-198. 1979 (reminiscenses correspondence).
Schmid, B. & C. Thesing, Biol.-kalend. 1: 302. 1914.
Schuster, R.M., Hep. Anthoc. N. Amer. 1: 91-92. 1966 (hepaticol. publ.).
Seitz, W., Ber. deut. Bot. Ges. 90: 501-506. 1977 (obit., portr., bibl.).
Ulbricht, H., Ber. Arbeitsgemeinsch. Sächs. Bot. ser. 2. 2: 7-8. 1960 (80th birthday); Wiss. Z. Techn. Univ. Dresden 16(1): 31-33. 1967 (biogr. sketch, portr., bibl.).
Verdoorn, F., ed., Chron. bot. 1: 138. 1935, 2: 169. 1936, 3: 128, 149. 1937, 6: 304. 1941.

NOTE (1): Letter to H. Schindler (1979) of 2 Mar 1946: "Beim 3. Angriff am14.2.45 Mittags war unser Haus nicht mehr zu retten, es brannte aus bis in die Keller hinab. Bis auf einen Handwagen, 2 Luftschutzkoffer und Rücksäcke, ein Gedeck Betten und einige Kleidungsstücke ist alles restlos verbrannt: Bücherei, Separate, Herbarien ... Mikroskop, sonstige Apparate usw. usw.". – German lichenology was excessively hit by World-War II: the lichen collection at Berlin-Dahlem (B) was destroyed; the private collections of Hillmann, Klement, Sandstede and Schade were all lost or abducted [sic]. See e.g. Mattick (1975).

NOTE (2): Main publication on lichens outside our period: *Zur sächsischen Flechtenflora*

insbesondere aus der Familie der Umbilicariaceen. Zwei Beiträge ... Nova Acta Leop. ser. 2. 17: [191]-280. 30 Nov 1955 (also as reprint; *copy*: Almborn).

10.463. *Die Lebermoose Sachsens* ... Abhandlungen der Naturwissenschaftlichen Gesellschaft Isis in Dresden, 1922/23 [1924]. Oct.
Publ.: 1924, p. [3]-70. *Copy*: B. – Reprinted and to be cited from Abh. naturw. Ges. Isis, Dresden 1922/1923: 3-70. 1924.

Schade, H. (*fl.* 1892), German high school teacher and botanist at Kiel. (*H. Schade*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 15: 7884.

10.464. *Schulflora von Nord- und Mitteldeutschland.* Die Gefässpflanzen ... Flensburg (Verlag von Aug. Westphalen) 1892. Oct. (*Schulfl. N. Mitteldeutschl.*).
Publ.: 1892, p. [1]-188. *Copy*: HH.

Schaefer, Hermann (*fl.* 1872), German (Lausitz) botanist. (*H. Schaefer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1821; CSP 8: 844; Rehder 1: 386.

NOTE: Little is known to us about B. Schaefer, author of a *Flora von Brotterode*, Cassel (Druck von Weber & Weidemeyer) 1906, cover-t.p., p. 1-44. *Copy*: B. – Born 29 Mar 1864, Dr. phil. Marburg 1889.

10.465. *Zur Kenntniss der Vegetationsverhältnisse von Neupommern und Rügen.* Inauguraldissertation, welche zur Erlangung der Doctorwürde in der Philosophie unter Zustimmung der Philosophischen Facultät zu Kiel überreicht ist von Hermann Schäfer aus Rammenau. Kiel (Druck von C.F. Mohr) 1872. Qu. (*Kenntn. Veg.-Verh. Neupommern*).
Publ.: 1872, p. [1]-38. *Copy*: MO. – Other issue: Schr. k. Christian-Albrechts-Universität Kiel, 19, 1872 (Phil. 1).

Schaefer, Johannes [Bernhard] (1864-?), German (Prussian-Saxony) botanist; Dr. phil. Marburg 1889; high school teacher at Altkirch. (*J. Schaefer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 2821; BL 2: 153, 714.

10.466. *Die Gefässpflanzen des Kreises Altkirch.* Ein Beitrag zur Flora der Reichslande ... Altkirch (Buchdruckerei von E. Masson). 1895. Oct. (*Gefässpfl. Altkirch.*).
Publ.: Aug-Sep 1895 (p. viii: Jul 1895; Nat. Nov. Oct(1) 1895), p. [i]-viii, [1]-73. *Copy*: MO. – Beilage zum Jahresbericht des Gymnasiums Altkirch [Upper Alsace, now in France; hence "Reichslande"] 1895, Progr. 515.

Schaefer, Michael (1790-1846), German botanist and clergyman; ord. 1815 Trier; chaplain at the St. Laurentius church and high school teacher at Trier. (*M. Schaefer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1821; GR p. 129 (b. 4 Jan 1790, d. 28 Aug 1846); Herder p. 188; Kew 4: 613; LS 23803; PR 8108, ed. 1: 9057; Rehder 1: 377.

BIOFILE: Lefort, E.L., Bull. Soc. Natural. Luxembourg 54: 40, 43, 107, 110. 1950. Schultz, F.W., Flora 10: 657-670. 1827, 11: 587-592. 1828 (critical notes on Fl. Trier).

10.467. *Trierische Flora*, oder kurze Beschreibung der im Regierungsbezirke Trier wild-

wachsenden Pflanzen ... Trier (bei J.J. Lintz) 1826-1829, 3 vols. (*Trier. Fl.*).
1: 1826 (p. iv: 18 Mar 1826; Linnaea 1: 469-470. Aug-Oct 1826; Flora 14 Nov 1827), p. [i]-lvii, [1]-252, [1-8, index].
2: 1826, p. [i], [1]-254, [1-8, index], [1, err.].
3: 1829 (p. [iii]: 14 Apr 1829), p. [i]-xlviii, [1]-389, [390-395,ind.; 396, err.], *Anhang* [1]-37.
Copies: G, MO.

Schaeffer, Cäsar (1867-1944), German botanist and entomologist; Dr. phil. Freiburg i. Br. 1889; teacher's examination Göttingen 1890; teacher at various schools in Hamburg from 1890; ultimately at the grammar school "auf der Uhlenhorst"; scientific assistant (part time) at the Hamburg Natural History Museum 1891-1900. (*Cä. Schaeff.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 15: 7902; BM 4: 1821; Christiansen p. 61; Rehder 2: 120; TL-2/3905.

BIOFILE: Schmid, G., Goethe u.d. Naturw. 295. 1940.
Oberschelp, R., ed., Gesamtverz. deut. Schriftt. 112: 346. 1980.
Weidner, H., Abh. Verh. naturw. Ver. Hamburg ser. 2. 9. suppl. 220-221. 1967 (biogr. sketch, portr., b. 30 Jun 1869, d. 13 Mai 1944).

10.468. *Über die Verwendbarkeit des Laubblattes* der heute lebenden Pflanzen zu phylogenetischen Untersuchungen [Abh. naturw. Ver. Hamburg 13(7). 1895]. Qu.
Publ.: Jan-Feb 1895 (Bot. Zeit. 1 Apr 1895; journal for 1894, probably publ. early 1895; Nat. Nov. Mar(2) 1895), p. [1]-40, *1 pl. Copy*: G.

Schaeffer, Gottlieb August Herrich [Herrich-Schaeffer] (1799-1874), German (Bavarian) botanist, entomologist and physician; Dr. med. Landshut 1821; practicing physician at Regensburg 1823 and 1828-1864; " Physikus" at Vohenstrauss 1824-1828; "Landesgerichtsarzt" for Stadtamhof, residing in Regensburg 1828-1833; regional and town physician ib. 1833-1856; from 1861-1874 director of the Regensburg bot. Gesellschaft and editor of Flora. (*Herr.-Schaeff.*).

HERBARIUM and TYPES: Unknown.

NAME: Correctly to be listed as Herrich-Schaeffer, G.A.; father Johann August Herrich; mother Maria Margaretha von Schaeffer, grand daughter of Johann Gottlieb Schäffer (1720-1795), brother of Jacob Christian Schäffer (see below); G.A. Herrich adopted the name Schäffer on 23 Mar 1821.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 220 (b. 18 Dec 1799, d. 14 Apr 1874); BM 2: 833.

BIOFILE: Anon., Accent. list Brit. Lepid. xxv-xxvi. 1858; Amer. Natural. 8: 447. 1874; Berl. Entom. Zeit. 18: 7. 1874; Bot. Not. 75: 30. 1875; Brit. Mus. gen. cat. print. books 102: 750-751. 1961; Entom. mon. Mag. 11: 20. 1874; Korr.-Bl. zool.-min. Ver. Regensburg 28, 65-73. 1874; Leopoldina 10(1-2): 2-5. 1874 (obit., bibl.).
Fürnrohr, O., Ber. naturw. Ver. Regensburg 9: 129. 1903, 11: 133-135. 1908 (biogr. sketch, bibl., portr.); Denkschr. k. bot. Ges. Regensburg 8: [1 p.]. 1903.
Hofman, O., Stettin. entom. Zeit. 35: 277-284. 1874.
Krantz, G., Deut. entom. Z. 19: 437-438. 1875.
Leussink, J.A., Taxon 30(2): 383-384. 1981 (biogr. sketch, relation with Flora), 32: 351, 355. 1983.
Pongratz, L., Act. Albert. ratisb. 25: 54, 60, 87-89. 1963.
Saunders, S.S., Proc. entom. Soc. London 1874: xxxv.

COMPOSITE WORKS: Editor of *Flora* vols. 44-54. 1861-1874.

Schaeffer, Jacob Christian (1718-1790), German (Saxony-born Bavarian) botanist, zoologist and theologist and clergyman; studied theology at Halle; private teacher at Regensburg 1738-1740; pastor and teacher at the protestant seminary at Regensburg 1741; Dr. phil. Wittenberg 1760; Dr. theol. Tübingen 1763; pastor and superintendent of the Regensburg protestant community 1779-1790. (*Schaeff.*).

HERBARIUM and TYPES: Unknown.

NAME: The name is correctly J.C. Schäffer; however, most of the botanical works have a latin title and on them "Schaeffer" is used.

BIBLIOGRAPHY and BIOGRAPHY: ADB 30: 531-532 (E. Wunschmann); Ainsworth p. 56, 68, 115, 226, 254, 273, 311; Barnhart 3: 220 (b. 30 Mai 1818, d. 5 Jan 1790); BM 4: 1822, 8: 1145-1146; Bossert p. 351; Dryander 3: 20, 32, 226, 351, 557; Frank 3 (Anh.): 89; Hawksworth p. 197; Herder p. 95, 142, 245, 393, 411; Hortus 3: 1203; Jackson p. 162; Kelly p. 207; Kew 4: 613; Lasègue p. 545; LS 23806-23810; NI 1744-1746, 1743n; Plesch p. 378; PR 7059, 8109-8116, ed. 1: 9058-9065; Quenstedt p. 380; Rehder 1: 78, 257, 5: 763; RS p. 140; SO 638, 639, 640; Stevenson p. 1257; TL-1/1153-1156; TL-2/345, 4215; Tucker 1: 627; Zander ed. 10, p. 711, ed. 11, p. 811.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 214: 112-115. 1964; Cat. gén. livr. impr. Bibl. natl. 164: 673-683. 1943; Index biogr. Acad. Sci., Paris 460. 1954.
Baader, C.A., Lexikon verstorbener bayerischer Schriftsteller des 18. und 19. Jahrhunderts 1(2): 191-196. 1824 (biogr., bibl. 68 nos.; further sec. refs.).
Dörfelt, H. & W. Berg, Leopoldina ser. 3. 27: 161-197. 1981 (publ. 1983) (Erdstern-Abbildungen).
Fries, E.M., Flora 39: 369-373. 1856 (identification of S's *Ic. fung. Bavar.*).
Fries, Th.M., Bref Skrifv. Linné 1(3): 154. 1909, 1(4): 228, 245. 1910, 1(5): 15, 136, 351. 1911, 1(6): 76, 121. 1912.
Fürnrohr, O., Ber. naturw. Ver. Regensburg 11: 120-139. 1905/6 (1908) (biogr. details on the Regensburg Schäffer family, biogr. sketch, bibl., portr.; main modern source).
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Hulth, J.M., Bref Skrifv. Linné 2(1): 267, 308, 309. 1916, & A.H. Uggla 2(2): 232, 233, 234. 1943.
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Jourdan, A.J.L., Dict. Sci. méd., Biogr. méd. 7: 119-121. 1825 (bibl.).
Laplanche, M.C. de, Dict. iconogr. champ. sup. 1894 (tableaux de concordance).
Mayer, C., Rep. spec. nov. regn. veg., Beih. 131: 121-125. 1942 (reproduces part of the key in the Erleichterte Arzneikräuterwissenschaft of 1759).
Meusel, J.G., Lex. teut. Schriftsteller 12: 71-79. 1812.
Müllerott, M., Hoppea 34(2): 312, 316. 1976 (list of S.'s works at REG), 39: 28-29, 47. 1980 (on S. and Linnaeus).
Nissen, C., Zool. Buchill. 362-364. 1969.
Percheron, A., Bibl. entomologique 2: 31-37. 1837.
Raab, H., Z. Pilzk. 46: 106-107, 109. 1968 (brief evaluation of mycol. work).
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Schmid, G., Goethe u.d. Naturw. nos. 4296-4299. 1940.
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Voorn, H., The Paper Maker 21(2): 1-14. 1952 (on his paper making; bibl., portr.).
Weiss, H.B., J. New York Entom. Soc. 46(3): 244. 1938 (S. made paper of wasp's nests, different kinds of wood, moss, and vines), 60: 241-244. 1952 (biogr. sketch).
Wittrock, V.B., Acta Horti Berg. 3(2): 141. 1903 (on portr.).
Zachert, U., Herz. August Bibl. Wolfenbüttel, Verz. med. nat. Drucke 1472-1830, 4: 1469-1470. 1982.

GENERAL TREATMENT: W.J. Lütjeharms [1907-1983], Zur Geschichte der Mykologie des xviii. Jahrhundert 9, 11, 147-150, 168, 230, 233, 249. 1936.

EPONYMY: No etymology was given for *Schaefferia* N.J. Jacquin (1760).

10.469. Jacobi Christiani Schaefferi ... *Epistola* ad illustrem imper. reg. Academiam roveredensem *de studii botanici* faciliori ac tutiori methodo. Cum specimine tabularum sexualium et universalium in hunc finem elaboratarum aerique incisarum [Ratisbonae, Regensburg] (Litteris fratr. Zunkel) [1758]. Qu. (*Epist. stud. bot.*).
Publ.: 1758 (fide PR), p. [i-ii], [1]-14, double chart. *Copies*: E, H-UB, MO, USDA. – French version: J. de Physique 15: 268-283. Apr 1780.

10.470. Jacobi Christiani Schaeffer ... *Isagoge in botanicam expeditiorem.* Iconibus aeri incisis et pictis illustrata, Ratisbonae [Regensburg] (litteris Fratr. Zunkel) 1759. Oct. (in fours). (*Isag. bot. exped.*).
Publ.: 7 Apr-31 Mai 1759 (p. [vi]: 7 Apr 1759; NZgS 16 Aug 1759; Ned. Letter-Courant 7 Sep 1759; in an advertisement for *Botanica expeditior*, dated 1 Oct 1759, the publisher states that the Isagoge was actually published ("wirklich erschienen") at the Easter Fair 1758. A copy of this leaflet is found in vol. 13 of the Linnaean corr. at LINN), p. [i-xii], [1]-96, *pl. 1-4* (col. copp. engr. I.G. Bez), [1-8, index]. *Copies*: G, HH, M, NY, USDA.

10.471. *Vorläufige Beobachtungen der Schwämme um Regensburg* angestellet und mit vier Kupfertafeln ausgemahlter Abbildungen erläutert von Jacob Christian Schäffer, ... Regensburg (gedruckt mit Weissischen Schriften und in der Montagischen Buchhandlung in Commission zu haben) 1759. Qu. (*Vorläuf. Beob. Schwämme Regensb.*).
Publ.: Nov-Dec 1759 (p. [iv]: 1 Nov 1759; NZgS 7 Jul 1760), p. [i-viii], [1]-59, [1-2, expl. pl.], *pl. 1-4* (col. copp. Suzanna Sophia Betzin). *Copies*: B-S, FH, H-UB, MICH, MO, NY, Stevenson, USDA; IDC 6310.
Ed. 2: 1770, p. [i-iv], [1]-62, [63-64], *pl. 1-4* (id.). *Copy*: G. "Zwote Auflage". Regensburg (gedruckt bey Johann Christoph Keyser) 1770.

10.472. Jacob Christian Schäffers, ... erleichterte *Arzneykräuterwissenschaft.* Mit einer allgemeinen Einleitung und vier Kupfertafeln ausgemahlter Abbildungen erläutert ... Regensburg (gedruckt mit Weissischen Schriften und in der Montagischen Buchhandlung in Commission zu haben) 1759. Qu. (*Arzneykr.-Wiss.*).
Ed. [1]: 1759, (p. vi: 23 Sep 1759), p. [i-viii], [1]-176, [1-12, index], *pl. 1-4* (col. copp. I.G. Bez). *Copies*: B-S, HH, KU, MO, NSUB, NY. – The title is that of the copy at MO; other copies have: "... Arzneykräuterwissenschaft. Nebst vier Kupfertafeln mit ausgemahlten Abbildungen".
Ed. 2: 1770, p. [i-iv],[1]-176, *pl. 1-4* (id.), [1-12, indexes]. *Copy*: B-S. – "Zweyte Auflage". Regensburg (verlegts Johann Leopold Montag) 1770. Qu.
Neue und vermehrte Auflage: 1773 (p. viii: 1 Aug 1773; dedic. 1 Sep 1773), p. [i-viii], [1]-234, [1-14, index], *6 pl.* (col. copp.). *Copies*: HH, NSUB, NY.

10.473. *Der Gichtschwamm* mit grünschleimigem Hute beschrieben und mit fünf Kupfertafeln ausgemahlter Abbildungen erläutert von Jacob Christian Schäffer, ... Regensburg (verlegts Johann Leopold Montag) 1760. Qu. (*Gichtschwamm*).
Publ.: Mar-Aug 1760 (p. [vi]: 1 Mar 1760; NZgS 1 Sep 1760), p. [i-xii], [1]-36, *pl. 1-5* (col. copp. Stephan Luibel). *Copies*: B-S, FH, G, H-UB, M, MICH, MO, NY, USDA; IDC 6312. – Gichtschwamm = *Phallus impudicus*; "Gicht" = gout.

10.474. Jacobi Christiani Schaeffer ... *Botanica expeditior.* Genera plantarum in tabulis sexualibus et universalibus aeri incisis exhibens. Ratisbonae [Regensburg] (Typis Emanuelis Adami Weissii) 1760. Oct. (in fours). (*Bot. exped.*).
Publ.: 1 Oct-24 Dec 1760 (p. iv: Oct 1760; 24 Dec 1760 book apparently publ., fide letter S. to Linnaeus), frontisp. (col. copp. I.G. Bez), p. [i*-vi*], [i]-iv, [v, vii], [1]-338, [339-369, index]. *Copies*: H-UB, HH, MO, NY, U, USDA.
Reissue: 1762, p. [i*-iii*], [i]-vi, frontisp., [1]-338, [339-369, index]. *Copy*: USDA. – Rev. GGA 27 Nov 1762.

10.475. Jacobi Christiani Schaeffer ... *Icones et descriptio fungorum* quorundam singularium et memorabilium. Simul fungorum Bavariae icones nativis coloribus expressae

editioni jam paratae propediem evulgandae denunciantur ... Ratisbonae [Regensburg] (typis Weissianis) A.C.N. 1761. Qu. (*Icon. descr. fung.*).
Publ.: 1761 (GGA 30 Jan 1762; Ned. Letter-Courant 16 Apr 1762), p. [1]-16. *1 pl.* (col. copp.). *Copies*: BR, FH, HH, MICH, NY; IDC 5712. – Serves as prospectus for *Fung. Bavar. Palat. nasc.*, see below.
German version: 1761, p. [1]-16, *1 pl.* (id.). *Copies*: G, M, NY. – Jacob Christian Schäffers, ... Abbildung und Beschreibung einiger sonderbaren und merkwürdigen Schwämme womit zugleich von der nunmehrigen Ausgabe der natürlich ausgemahlten Abbildungen Bayerischer Schwämme Nachricht ertheilet wird ... Regensburg (gedruckt mit Weissischen Schriften) 1761. Qu.

10.476. *Fungorum qui in Bavaria et Palatinatu* circa Ratisbonam *nascuntur icones* nativis coloribus expressae ... Ratisbonae [Regensburg] (typis Zunkelianis) 1762-1771, 4 vols. Qu. (*Fung. Bavar. Palat. nasc.*).
1: Sep-Oct 1762 (p. [xxi]: 1 Sep 1762; GGA 28 Oct 1762), p. [i-xxi, preface mat., no sign.], "genus primum" text sign. A_1-N_3, [i, t.p plates], engraved t.p., *pl. 1-100* (two-sided; 50 lvs., col. copp.).
2: Apr-Dec 1763 (t.p. date of copies seen by us 1767; p. xxiv: 19 Mar 1763; Comment. Sci. nat. Gleditsch 12: 98-101. 1764: issued 1763), p. [i-xxiv, preface material, no sign.], genus secundum text sign. O_2-DD_4, index x_1-xx_4, [i, t.p. plates], *pl. 101-200* (mostly two-sided), verso of pl. 200 has text expl. *pl. 199*. – Occurs also with the date 1767 (*copy*: G).
3: Sep-Oct 1771 (t.p. 1770; GGA 21 Dec 1771; distr. at Michaelmismesse 1771; announced Jena Zeit. 4 Jan 1771), p. [i-vi, preface material, no sign.], genus tertium text sign. A-O_3 *pl. 201-300* (mostly two-sided).
4: Apr-Dec 1774 (p. vi: Apr 1774), p. [i-viii], *pl. 301-330*; [i], [1]-136, [137-144]. The plates are coloured copper engr. by Sophie Bez [Beez], I. St. Loibel and (smaller numbers) by Joh. Jos. Rothermund (vol. 4) and Schauer.
Copies: BR, G, HH, MICH, NY, Stevenson; IDC 5304. – *German t.p.*: Jacob Christian Schäffers, ... natürlich ausgemahlte *Abbildungen Bayrischer und Pfälzischer Schwämme*, welche um Regensburg wachsen ..."
Editio secunda: volumes 1-3 were reissued in 1772 with a title page Ratisbonae (impensis auctoris) 1772, "editio secunda". We have seen only a copy with this t.p. in the Stevenson library; it is accompanied by vol. 4 of the regular issue. Another copy is at H-UB.
Editio tertia: volumes 1-3 were also reissued in 1780 with a title page Ratisbonae (impensis auctoris) 1780, "editio tertia". We saw copies at HH and USDA, accompanied by a vol. 4 of the regular issue.
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1: frontisp. portr., engr. t.p., [i-iv], text A-N_3, *pl. 1-100* (as in orig. edition).
2: [i-iv], text A-O_3, *pl. 101-200*.
3: engr. t.p., [i, printed t.p.], sign. A-O_3, *pl. 201-300*.
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2: 1766, p. [i-viii], [1]-24, 12^1 "Muster", *1 pl.*
3: 1767, p. [i-iii], [1]-22, 9 "Muster", *5 pl.*
Copies: FI, REG. – For further books by S. on paper making see H. Voorn (1952).

Schäffer, Julius (1882-1944), German mycologist; studied at the evangelical-

theological seminary at Tübingen 1900-1904; teacher at the "Landerziehungsheim" Ilsenburg am Hartz; studied natural sciences at Dresden, teacher's examination 1910; high school teacher at Potsdam 1912-1939; from 1939-1944 in Diessen am Ammersee. (*Jul. Schäff.*).

HERBARIUM and TYPES: W. Other material at C. – Left many watercolour drawings of fungi, especially Russulae which were published in part in 1952 (*Russula-Monographie*).

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Completed ed.: 1952 (p. 7: Jul 1951; BR rd 20 Dec 1952), p. [1]-295, [296], *pl. 1-20*, [*21-22*] by author. *Copies*: BR, NY. – Die Pilze Mitteleuropas. Band iii.
Facsimile ed.: 1970, Verlag von J. Cramer, D-3301 Lehre. *Copy*: FAS. – See Taxon 20: 173. 28 Feb 1971. – ISBN 3-7682-0689-0.
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Collectors: Lars Romell (1854-1927), Don Giacopo Bresadola (1847-1929).
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Schaerer, Ludwig Emanuel [Louis-Emmanuel] (1785-1853), Swiss (Bern) clergyman and lichenologist; studied theology; teacher at a Bern primary school 1806-1808; ordained 1808; high school teacher 1813, conrector gymnasii 1814; director of the municipal orphanage 1819; pastor at Lauperswil (canton Bern) 1826, later in Belp (idem) until 1852. (*Schaer.*).

HERBARIUM and TYPES: G (lich.; Rev. bryol. 24: 64), BERN (phan.); important collections also at G, GL, H, M, MPU, WRSL. – *Exsiccatae*: *Lichenes helvetici exsiccati*, fasc. 1-26, nos. 1-650. Bern 1823-1852. *Editio altera immutata*, fasc. 1-10, nos. 1-250. Bern 1842-1852. For details on publication see Sayre (1969). The labels on the exsiccata refer, from fasc. 4 onward, to the *Spicilegium* (see below); later numbers cite the *Enumeratio* (see below). Sets of exsiccatae at BERN (both eds.), BM (both eds.), BP, BR, C, DUKE, FH, G, GJO, GL, GOET, H, HAL, IBF, K(1-26), KIEL, L, LE, LZ (destr.), M, MANCH, MASS, MICH, MPU, MSTR, NEU, NY, O, PC,REG, S, STU, TCD, TO, UPS, VER, W, WRSL, Z, ZVS. For a continuation of this series see J.A.P. Hepp, *Die Flechten Europas*.

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Lasègue p. 290; LS 23813-23826; PR 6470, 8118-8120, ed. 1: 7205, 9069; SBC p. 131; TL-2/1599, 5595, 5599, 6339, see J.A.P. Hepp; Urban-Berl. p. 290.

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1	1	1-52	1823	1-2	1-50	1823
				3-4	51-100	1823
	2	53-100	1826	5-6	101-152	1826
	3	102-156	1828	7-8	153-200	1828
	4-5	157-261	1833	9-10	201-250	1833
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2	8	381-412	1839	13-14	301-349	1840
	9	413-452	1840	13-14	301-349	1840
	10	453-510	1840	15-16	350-402	1840
	11	511-551	1842	15-16	350-402	1840
	12	552-632	1842	17-18	403-450	1842
				19-20	451-500	1843
				21-22	501-550	1847
				23-24	551-600	1849
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10.483. *Enumeratio critica lichenum europaeorum*, quos ex nova methodo digerit Ludov. Emanuel Schaerer, ... Accedunt tabulae decem, quibus cuncta lichenum europaeorum genera et subgenera in lapidem delineata et per partes colorata illustrantur. Bernae [Bern] (sumtibus auctoris excudebat officina Staempfliana. Prostat in Belp, pago helveto-bernensi, apud editorem, et in commissis Lipsiae apud Friedr. Fleischer) 1850. Oct. (*Enum. crit. lich. eur.*).

Publ.: Aug-Sep 1850 (p. x: Aug 1850; rd. Regensburg Sep-Oct 1850; Hinrichs Jan-Mar 1851; Flora 7 Oct 1850 (rev.)), frontisp. portr. author, p. [i]-xxxvi, [1]-327, [328], *pl. 1-10* (p.p. col. liths. Hub. Meyer). *Copies*: Almborn, BR, FH, FI, G, HH, L, M, MICH, MO, NY, PH, Stevenson, US, USDA; IDC 6171. – The last lichen system

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Schaffner, John Henry (1866-1939), American botanist; A.B. Baker Univ. 1893; M.S. ib. 1896; at Univ. Michigan 1894-1895, at South Dakota 1895-1896; at Chicago 1896-1897; assistant botanist Ohio State Univ. 1897-1899; asst. prof. bot. ib. 1899-1902; assoc. prof. bot. 1902-1911; prof. bot. 1911-1939; head of Botany Dept. 1908-1918. (*J.H. Schaffn.*).

HERBARIUM and TYPES: OS (Equisetum); other material at C, CAS, NY. – Archival material in GH and SIA.

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Publ.: Feb 1903, p. [17]-21, [22, expl. pl.], *pl. 1* (uncol.). *Copy*: US. – Reprinted and to be cited from Gamophyllous 3(3): [17]-21. 1903.

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Co-authors: Otto Emery Jennings (1877-1964), see TL-2/2: 438, and Frederick Jared Tyler (1875-?).
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10.489b. *Chinese species of Equisetum* ... Bull. Fan. Inst. Biol., Bot. Ser., ix. no. 2, June 30. 1939. Oct.
Co-author: Liang-Ching Li.
Publ.: 30 Jun 1939, cover-t.p., p. [125]-132, 133 (Chinese summary). *Copy*: US. – Reprinted and to be cited from Bull. Fan. Mem. Inst. Biol., Bot. Ser. 9(2): [125]-133. 1939.

Schaffner, Wilhelm (later: J. Guillermo Schaffner) (x-1882), German (Hessen) plant collector and pharmacist; settled in Mexico 1856; collected extensively around Mexico, Orizaba and San Louis Potosi. (*W. Schaffn.*).

HERBARIUM and TYPES: Material at A, BM, C, CAS, COLU, CORD, E, F, GH, GOET, K, KIEL, L, M, MEXU (impt. set), MICH, MW, NY, P, PH, S, SLPM, US, W, WRSL. – Sometimes labelled J.G. Schaffner; exsiccatae distributed by R.F. Hohenacker and C.H. Schultz-Bip. – *Letters* to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 221; Bossert p. 351 (d. 8 Apr 1882); Hortus 3: 1203; IH 1 (ed. 7): 342 ("J.G. Schaffner"), 2: (files); Urban-Berl. p. 391.

BIOFILE: Anon., Bull. Soc. bot. France 30 (bibl.): 95. 1883 (d.); La Naturaleza 6: 26. 1882 (obit. not.).
Candolle, Alph. de, Phytographie 447. 1880 (coll.).
Christy, H., *in* W.J. Hooker, J. Bot. Kew Gard. Misc. 8: 283. 1856.
Hemsley, W.B., Biol. cent.-amer., Bot. 4: 134-135. 1887.
Leon, N., Bibl. bot.-mexic. 358-359. 1895.
McVaugh, R., Contr. Univ. Mich. Herb. 9: 302. 1972.
Reichenbach, H.G., Linnaea 28(4): 381-386. Jun 1857 (Orchideae Schaffnerianae mexicanae recensitae).
Rodgers, A.D., Amer. bot. 1873-1892, p. 121-122, 125, 216.
Rzedowski, J., Acta cient. Potosina 3(1):99-121. 1959 (bot. coll. S. in S. Luis Potosi).
Schultz Bip., C.H., Flora 39: 160. 1856 (coll.).
Wagenitz, G., Index coll. princ. herb. Gott. 144. 1982.
Watson, S., Proc. Amer. Acad. Arts Sci. 17: 316-361. 1881-1882, 18: 96-191. 1882-1883 (on his coll.).

EPONYMY: *Schaffnera* Bentham (1882); *Schaffnerella* Nash (1912); *Schaffneria* Fee ex T. Moore (1857).

Schaffnit, [Johannes Martin] Ernst [Christian Otto] (1878-?), German (Hessen) botanist; head of the Phytopathological Institute of the Agricultural College Poppelsdorf-Bonn from 1914-1937. (*Schaffnit*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 221 (b. 10 Jan 1878); Kelly p. 207; LS suppl. 24431-24469; Stevenson p. 1257.

BIOFILE: Anon., Hedwigia 55: (72). 1914 (app. Bonn); Mycol. Centralbl. 3: 351. 1914 (app. Bonn).
Verdoorn, F., ed., Chron. bot. 1: 135. 1935, 2: 442. 1936 (editor Phytopath. Z.) 3: 26, 298. 1937.

COMPOSITE WORKS: With J. Swensitzky & H. Schlemm, *Der Hausschwamm* und die wichtigsten Trockenfäuleschwämme, vom botanischen, bautechnischen und juridischen Standpunkte, Berlin 1910, 106 p., 1 pl.

NOTE: Nothing is known to us about Karl Schaffnit, from Merckingen (Baden), b. 12 Aug 1877, a pharmacist who took his Dr. phil. at Erlangen on 27 Jul 1904 on a thesis "*Ueber die Nektarien der Ranunculaceen* unter Berücksichtigung der Struktur der kronartig gefärbten Blütenteile", p. [1]-62, [63, vita]. 27 Jul 1904.

Schaffranek, A. (*fl.* 1883-1894), American botanist at Palatka, Florida 1883-1894; later at St. Charles, Missouri. (*Schaffranek*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 221; BM 4: 1824; Rehder 1: 319.

10.490. *Floral almanac.* Containing the flowering season of one thousand and seven hundred phaenogamous plants of Florida. By Dr. A. Schaffranek, botanist, Palatka, Florida. Palatka, Fla. (printed by the Palatka News Publishing Company) 1888. (*Fl. alman.*).
Publ.: 1888, p. [1]-37. *Copy*: USDA.

Schafhäutl, [Karl Franz] Emil (1803-1890), German (Bavarian) self-made polyhistor and palaeontologist; Dr. phil. Dublin 1835, Dr. med. ib. 1838; curator (1842) of the State geological collections at München; professor of geology ib. 1843. (*Schafhäutl*).

HERBARIUM and TYPES: Unknown; palaeontological collections at München (Geol. Staatssamml.).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 326-327; BM 4: 1824; Quenstedt p. 379-380 (b. 16 Feb 1803, d. 25 Feb 1890).

BIOFILE: Anon., Alman. k. Bayer. Akad. Wiss. 1884: 293-304; 1890: 127-128 (bibl.); Brit. Mus. gen. cat. print. books 214: 154. 1964.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 771. 1863, 3: 1178. 1898 (b. 16 Feb 1803, d. 25 Feb 1890), 6(4): 2298. 1940 (bibl.).
Schwarzbach, M., Auf den Spuren unserer Naturforscher 145. 1981.
Voit, C. v., S.B. mat.-phys. Cl. Akad. Wiss. München 20: 397-415. 1891 (obit.).
Zischka, G.A., Allg. Gelehrt.-Lex. 571. 1961.
Zittel, K.A. von, Gesch. Geol. Paläont. 863 [11 entries] 1899, Hist. Geol. palaeontol. 148, 166, 167, 243, 342, 473, 474. 1901.

EPONYMY: *Schafhäutlia* Nägeli (1863).

10.491. *Geognostische Untersuchungen des südbayerischen Alpengebirges* ... München (Literarisch-artistische Anstalt) 1851. Oct. (*Geogr. Unters. südbay. Alpengeb.*).
Publ.: 1851, p. [i]-xxxii, [1]-206, [1-2], *pl. 1-44*, map, 2 charts. *Copy*: U. – Second t.p. "*Geognostische Untersuchungen der bayerischen Lande* ... Erster Beitrag".

10.492. *Süd-Bayerns Lethaea geognostica.* Der Kressenberg und die südlich von ihm gelege-

nen Hochalpen geognostisch beobachtet in ihren Petrefacten ... Leipzig (Verlag von Leopold Voss, ...), London (Williams & Norgate ...), Paris (F. Savy ...) Qu. (*Süd-Bay. Lethaea geogn.*).
Text: 1863, p. [i*], [i]-xii, [1]-487, [488].
Atlas: 1863, p. [i], *98 pl.* and 2 maps.
Copy: NSUB (inf. G. Wagenitz), USGS.

Schagerström, Johan August (1818-1867), Swedish botanist; studied at Uppsala University; Dr. phil. ib. 1845;lecturer in practical economy 1846, from 1853 university clerk in Uppsala. (*Schagerström*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 221 (b. 20 Mai 1818, d. 9 Mar 1867); BL 2: 547, 549, 714; BM 4: 1824; Herder p. 195; Jackson p. 339; Kew 4: 615; KR p. 620-621; PR 8121-8124, ed. 1: 9070-9072; Rehder 5: 763; Tucker 1: 627.

COMPOSITE WORKS: (1) Presided over the defense of a dissertation by J.E. Wahlström, *Pl. vasc. Telgae bor.* 1847, q.v.

10.493. *Plantae cotyledoneae. Paroeciae Roslagiae Bro*, quarum enumerationem venia ampliss. fac. philosoph. Ups. praeside Mag. Elia Fries, ... p.p. auctor Johannes Aug. Schagerström, ... in Audit. Gustaviano die xxx Nov. mdcccxxxix h.p.m.s. pars prior. Upsaliae (Leffler & Sebell.) 1839. Oct. (*Pl. cotyl. Roslag. Bro*).
1: 30 Nov 1839, p. [1]-16. – The copy at GB has a correction label pasted on a second t.p., changing the date to 4 Dec 1839. Similar title-pages are found, without the original, in the copies of LD-UB and HH.
2: 31 Oct 1840, p. [i-ii], 17-30, [31-32] "... Mag. Elia Fries, ... p.p. And. Gust. Söderbaum, ... in Audit. Gustaviano die xxxi Oct. mdcccxl h.p.m.s. Pars posterior." Upsaliae (id.) 1840. Oct. – Söderbaum defendens; Schagerström author.
Copies: GB, H, HH, LD. – Krok (p. 620) mentions a commercial issue with the title: "Plantae ... Roslagiae Bro sponte nascentes, quas secundum methodum naturalium celeberr. Friesii enumeravit ..." Upsaliae 30, [2] p., 1839.

10.494. *Conspectus vegetationis uplandicae*, quem venia ampliss. fac. philosoph. ups. p.p. mag. Joh. Aug. Schagerström et Ali Floderus uplandi in Audit. Gustav. die x dec. mdcccxlv h.a.m.s. p. i. Upsaliae (excudebant Regiae Academiae typographi) [1845]. Oct. (*Consp. veg. upland.*).
1: 10 Dec 1845, p. [i-iv], [1]-16. – Respondens Ali Floderus (1826-1877).
2: 10 Dec 1845, p. [i-ii], 17-32. – Respondens Carolus Ludovicus Fineman.
3: 11 Dec 1845, p. [i-iv], 33-48. – Respondens Alfredus Victor Norinder.
4: 13 Dec 1845, p. [i-ii], 49-83, [84, err.]. – Respondens Albertus Theodorus Petré.
Copies: H, HH, LD, LD-UB, USDA.
Ref.: A., Bot. Zeit. 4: 604-605. 1846.
Commercial issue: 1845, p. [i], [1]-83, [84, err.]. *Copy*: HH. – "*Conspectus vegetationis uplandicae*, auctore D. Joh. Aug. Schagerström. Upsaliae, excudebant Regii Academiae typographi".

10.495. *Lärobok i Skandinaviens växtfamiljer* efter det Friesiska systemet ... Upsala (P. Hanselli) 1846. Oct. (*Lärob. Skand. växtfam.*).
Ed.1: 1846, p. [1]-96. *Copies*: H, LD-UB.
Ed. 2: 1856, p. [i]-xii, [1]-100. *Copies*: GB, H, LD-UB.
Ed. 3: 1862, p. [1]-134. *Copies*: G, GB, LD-UB, NY. – "Lärobok i Skandinaviens växtfamiljer, med tillägg af de märkligaste utländska, efter det Friesiska systemet ..." Upsala (Tryckt hos P. Hanselli) 1862. Oct.

10.496. *De antheris plantarum* dissertatio, cujus part. i. Venia ampliss. Facult. Phil. Upsal. p.p. Mag. Joh. Aug. Schagerström ... et Olavus Hj. Humble ... Uplandi. In Audit. Gust. Min. die xxix Nov. mdcccxlviii. H.P.M.S. Upsaliae (P. Hanselli) 1848. Oct.
1: 29 Nov 1848, p. [1]-16.

2: 6 Dec 1848, p. [17]-32.
Copies: LD, LD-UB. – Krok mentions also an issue without the disputatio t.p.

Schallert, Paul Otto (1879-1970), American physician, amateur botanist and plant collector; Dr. med. Univ. Illinois 1904; practicing physician; collected all over the United States from 1904-1958; ultimately at Altamonte Springs, Florida. (*Schallert*).

HERBARIUM and TYPES: SMU (100.000); further material in B, BPI, BR, BUT, C, CAS, DAO, DBN, DPU, DS, DUKE (impt. set), E, F (20.000 crypt.), GAES, GB, GH, GOET, HUJ, ILL, KY, LE, M (lich.), MICH, MIN, MONTU, MPU (lich.), NY, OKLA, PH, RM, SD, TAES, TEX, UAC, UT, VT, WAG, WS, WVA, W.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 221; Hortus 3: 1203; IH 1 (ed. 6): 364, (ed. 7): 342, 2: (files); Lenley p. 360; Roon p. 100.

BIOFILE: Harrison, S.G., Index of collectors in the Welsh National Herbarium 262. 1982 (d. 1970).
Louis-Marie, Père, Revue d'Oka 33: 46-47. 1959 (in 1959 in Altamonte, Florida, has 100.000 specimens for exchange; still active while 80 yrs old).
Moldenke, H.N., List coll. Verben. suppl. 22. 1947.
Schallert, P.O., private comm. to senior author 1957 (b. 5 Mar 1879; details on coll.).

NOTE: "For over 50 years I have sent herbarium specimens all over the world. Most of these are at Duke University, Durham, N.C. I have collected herbarium specimens in nearly every state of the U.S.A. I am now a retired M.D. and doing more collecting then ever before in my life. Although 78 years old I am in good health and will collect everything that grows and belongs to the vegetable kingdom. I started to collect in 1904 in Wisconsin; then from 1910-1942 I lived and collected in North Carolina. I was in the M.C. Army out in the Western U.S.A. from 1943-1945 and did a lot of collecting in California, Oregon, Washington, Colorado, Arizona and New Mexico. Many of my specimens have been sent to Chicago Museum of Natural History, to Universities of Wisconsin, Illinois, California, New Mexico, Arizona, Colorado, North Carolina, New York, New Hampshire, Ohio, Pennsylvania and Florida and many other places", (in litt. to FAS, 1957). Schallert's main herbarium is now at SMU.

Scharfetter, Rudolf (1880-1956), Austrian botanist; studied at the University of Vienna as a student of R. Wettstein and Grobben; Dr. phil. ib. 1902; supplementary teacher at the Staatsgymnasium of Klagenfurt 1902-1904; teacher at the Staatsgymnasium of Villach 1904-1911; professor at the second Staatsrealschule Graz 1911-1919; director ib. 1919-1937; school inspector 1937-1945; habil. Univ. Graz 1913, "Privatdozent" ib. 1913-1923; extraordinary professor (title) 1924; active extraordinary professor 1935; regular titular professor 1937-1950; honorary professor 1950-1956. (*Scharf.*).

HERBARIUM and TYPES: Private herbarium destroyed shortly after 1945 (fide H. Scharfetter through D. Ernet); a small set of specimens is at GZU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 222 (b. 20 Feb 1880); BFM 883, 884, 885, 2017, 2103, 2127, 2196; Biol.-Dokum. 15: 7926; BJI 2: 153; BM 4: 1825; Bossert p. 351; LS 38883.

BIOFILE: Anon., Österr. bot. Z. 61: 359. 1911 (moves to Graz), 87: 159. 1938 (ord. prof. Graz).
Bamberger, R. & F. Maier-Bruck, Österreich Lexikon 2: 1006. 1966.
Biebl, R., Mitt. naturw. Ver. Steiermark 87: 5-11. 1957 (obit., bibl.).
Janchen, E., Richard Wettstein 186. 1933 (Österr. bot. Z. vol. 82); Cat. Fl. austriac. 1: 4, 6, 31, 36. 1956 (bibl.).
Verdoorn, F., ed., Chron. bot. 2: 29. 1936 (director Bundesrealschule Graz), 5: 114, 425, 526. 1939, 6: 304. 1941 (Landesschulinspektor).
Wendelberger, G., Verh. zool.-bot. Ges. Wien 96: 7-9. 1956 (obit.).

COMPOSITE WORKS: (1) *Die kartografische Darstellung der Pflanzengesellschaften in* E. Abderhalden, Handb. biol. Arbeitsmeth. 11(4): 77-164. 1928.
(2) *Die Pflanzendecke der Dolomiten, in* "Gedächtnissband Karl Fritsch", Mitt. Naturw. Ver. Steiermark 71: 1-39, map, 1934, publ. Jun 1935.
(3) *Zur Lebensgeschichte der Wulfenia carinthiaca, in* Festschr. 60-j. Bestandesfeier Villacher Gymn., reprint p. [1]-6, 1 map, 1929, copy reprint: M. – See also Österr. bot. Z. 56: 440-441. 1906.
(4) *Die Stellung der Einarter* in den mitteleuropäischen *Pflanzenformationen, in* Festschr. Carl Schröter, Veröff. Geobot. Inst. Rübel 3: 676-684. 1925.

NOTE: R. Scharfetter also published a *Lehrbuch der Botanik* für die unteren Klassen der Mittelschulen, ed. 1 (1913)-ed. 6 (1934), and idem for the "oberen"Klassen, ed. 1, 1936. – Main publications outside our period: *Pflanzenschicksale*, Wien 1952 (79 p.) and *Biographien von Pflanzensippen*, Wien 1953 (546 p.).

10.497. *Über die Artenarmut der ostalpinen Ausläufer der Zentralalpen* ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift", Jahrg. 1909, Nr. 6. Oct.
Publ.: Jun 1909, p. [1]-7. *Copy*: M. – Reprinted and to be cited from Österr. bot. Z. 59: 215-221. Jun 1909.

10.498. Vorarbeiten zu einer pflanzengeographischen Karte Österreichs. vii. *Die Vegetationsverhältnisse von Villach in Kärnten* ... Jena (Verlag von Gustav Fischer) 1911. Oct. (*Veg.-Verh. Villach*).
Publ.: 20 Sep 1911 (BR rd 23 Oct 1911; ÖbZ for Oct 1911; Nat. Nov. Nov(1) 1911), p. [i], [1]-97, [98], map. *Copies*: BR, M. – Abh. Zool. bot. Ges. Wien 6(3), 1911.
Ref.: Diels, L., Bot. Jahrb. 48 (Lit.): 9. 1912.

10.499. *Alpenpflanzen* ... Bielefeld und Leipzig (Verlag von Velhagen & Klasing) 1927. (*Alpenpfl.*).
Publ.: 1927, p. [1]-71. *Copy*: FI. – See also Bot. Jahrb. 62(5): 524-544. 1929.
Ref.: Janchen, E., Österr. bot. Z. 76: 327. 1927.

10.500. *Projektions-Atlas* ... Reihe A: *Botanik* Heft 1: Die Verbreitung europäischer Waldpflanzen i ... Graz (Leuschner & Lubensky, Universitätsbuchhandlung) 1929. (*Proj.-Atlas, Bot.*).
Publ.: 1929, p. [1]-7, 20 maps, with expl. and 20 films. *Copy*: FI.
Ref.: Janchen, E., Österr. bot. Z. 78: 354. 1929 (rev.).

10.501. *Das Pflanzenleben der Ostalpen* ... Wien (Franz Deuticke) 1938. Oct. (*Pfl.-Leb. Ostalpen*).
Publ.: 1938 (p. vi: 10 Apr 1938 "am Tage der Volksabstimmung" (on the incorporation of Austria into larger Germany; USDA rd 23 Sep 1938; Nat. Nov. Mar 1939), p. [i]-xv, [1]-419, map. *Copies*: BR, G, H, M, USDA. "... eine bescheidene Morgengabe dem herrlichen grossdeutschen Reiche".
Ref.: Ginzberger, A., Österr. bot. Z. 88: 71-72. 1939 (rev.).
Sleumer, H., Bot. Jahrb. 70 (Lit.): 58. 1939 (rev.).

Scharlok, [Carl] Julius [Adolf] (1809-1899), German (Prussian/Pommeranian) botanist and pharmacist; trained as a pharmacist in the Treptow pharmacy "Zum Schwarzen Adler" 1824-1830; in Frankfurt a.O. 1830-1831; at Vietz near Landsberg a.W. 1831-1832; at Berlin University 1833-1834; state examination in pharmacy 1834; assistant pharmacist with A.F.T. Lucae in Berlin 1834-1836; owner of the Löwen-Apotheke at Graudenz from 1837-1865; active also as a voluntary teacher and journalist in addition to his dedication to the flora of Western Prussia. (*Scharlok*).

HERBARIUM and TYPES: KBG (rd 1891; destroyed) and Danzig (destroyed) some extant material at MANCH.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 346 (d. 12 Aug 1899); Barnhart 3: 222 (b. 24 Jun

1809, d. 13 Aug 1899); Biol.-Dokum. 15: 7927; Bossert p. 351; CSP 8: 845, 11: 300, 18: 493; Hegi 6(2): 1217; Morren ed. 10, p. 12.

BIOFILE: Abromeit, J., Ber. deut. bot. Ges. 18: (153)-(157). 1900 (obit., bibl.); Schr. phys.-ökon. Ges. Königsberg in Pr. 41: 40-43. 1900 (obit., bibl.); Festschr. 50-j. Bestehen Preuss. Bot. Ver. xxvii. 1912 (portr.).
Anon., Bot. Centralbl. 79: 400. 1899 (d.); Bot. Jahrb. 27 (Beibl. 64): 20. 1900 (d.); Bot. Not. 1900: 47; Bot. Zeit. 57(2): 288. 1899 (d. 14 Aug 1899); Hedwigia 38: (297). 1899 (1900) (d.), 54: (126). 1913 (lecturer Graz); Österr. bot. Z. 49: 378. 1899 (d.); Verh. bot. Ver. Brandenburg 41: xlii, lxxxix. 1900 (d.).
Ascherson, P., Verh. bot. Ver. Brandenburg 42: xxiv-xxvi. 1901 (obit., bibl.).
Jentzsch, A., Schr. phys.-ökon. Ges. Königsberg 41: 40-43. 1900 (obit., bibl.).
Kneucker, A., Allg. bot. Z. 5: 152. 1899 (d.).
Leimbach, G., Bot. Monatschr. 17: 128. 1899 (obit. note supplied by Abromeit).
Münsterberg, O., Abschiedsworte an der Bahre des Herrn Julius Scharlok gesprochen Graudenz, den 17. Aug 1899, 7 p. (*copy*: B).
Wittrock, V.H., Acta Horti Berg. 3(3): 150-151. 1905.

Schatz, [Jakob] Wilhelm (1802-1867), German (Prussian/Brandenburg) botanist; Dr. phil. Halle 1824; high school teacher at Magdeburg 1824-1834; at Halberstadt 1834-1867. (*W. Schatz*).

HERBARIUM and TYPES: Unknown. – *Letters* to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1825; Herder p. 188; PR 8128-8129, ed. 1: 9079; Rehder 1: 380, 383.

BIOFILE: Ascherson, P., Fl. Prov. Brandenburg 1: 12. 1864; Nachtrag zu L. Scheider's Flora von Magdeburg 68-69. 1894.
Bartsch, A. & W. Hartmann, Der Harz, Schriftenreihe der Harzmuseums Wernigerode 3: 9-11. 1980 (biogr. sketch, portr.).

10.502. *Flora halberstadensis excursoria*, oder Uebersicht der um Halberstadt wildwachsenden sichtbar blühenden Pflanzen und Farn. Nach dem Sexualsystem mit Angabe der Standorte und der Blüthezeit geordnet von Dr. Wilhelm Schatz, ... Mit einer geognostischen Beschreibung der Umgegend von Halberstadt von Carl Jäger. Halberstadt (in Commission bei Lindequist und Schönrock ...) 1839. Duod. (*Fl. halberstad. excurs.*).
Publ.: 16-22 Jan 1839 (Hinrichs; p. [iv]: 19 Mai 1839), p. [i]-xxiii, [xxiv], [1]-119, [120, err.]. *Copy*: B-S, HH.

10.503. *Flora von Halberstadt* oder die Phanerogamen und Farn des Bode- und Ilsegebietes mit besonderer Berücksichtigung der Flora Magdeburgs ... Halberstadt (Verlag von Robert Frantz) 1854. Duod. (in sixes). (*Fl. Halberstadt*).
Publ.: Jul-Aug 1854 (p. v: 14 Jun 1854; ÖbW 5 Oct 1854), p. [i]-xxviii, [1]-319, [320, colo.]. *Copies*: B, NY.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 12: 660-661. 15 Sep 1854 (rev.).

Schau, [Hermann Ernst] Otto (1900-x), German (Prussian) pharmacist and botanist; on active service 1918; studied pharmacy at Berlin University; state pharmacist's exam. 1924, studied natural sciences ib. 1931-1934, student of L. Diels. (*Schau*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Schau, O., Lebenslauf, in dissertation 1931, see below.

10.504. *Die Beziehungen zwischen Chemismus und systematischer Einheit bei den Gattungen der Amarantaceen.* Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosphischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... Berlin (Dr. Emil Ebering, ...) [1934]. Oct. (*Bezieh. Chem. syst. Einh. Amarant.*).

Publ.: 9 Mai 1934 (date of "promotion"), p. [1]-60, [61, vita]. *Copy*: B.

Schauer, Johannes Conrad (1813-1848), German (Frankfurt a.M.) botanist; studied at the gymnasium of Mainz 1825-1827; in the "Hofgarten" of Würzburg 1828-1831 with Ant. Heller; assistant at the botanical garden of Bonn, 1831-1832; with C.G. Nees to Breslau in charge of the botanical garden 1832-1848; Dr. phil. Erlangen 1835; habil. Breslau 1841; professor of botany at the University of Greifswald and the Agricultural College of neighbouring Eldena 1843-1848. (*Schauer*).

HERBARIUM and TYPES: Material at BR, K, REG. – *Letters* to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: ADB 30: 623-624 (E. Wunschman); Backer p. 515; Barnhart 3: 222 (b. 16 Feb 1813, d. 24 Oct 1848); Biol.-Dokum. 15: 7937; BM 4: 1826; CSP 5: 442-443; Futak-Domin p. 523; Herder p. 136, 181, 224, 312, 339; Hortus 3: 1203; HR; IH 2: (files); Kew 4: 616; Klásterský p. 164; Langman p. 677; Lasègue p. 337 (pl. in Martius herb. BR); LS 23846-23847; Maiwald p. 235; MW p. 434; PR 837, 1214, 1485, 5902, 6412, 8130-8135, ed. 1: 948, 1384, 2256, 7133, 9080-9085; Ratzeburg p. 456; Rehder 5: 764; RS p. 140; TL-2/559, 999, 4332, 5895; Tucker 1: 627, 3: 270; Urban-Berl. p. 391; Zander ed. 10, p. 711, ed. 11, p. 811.

BIOFILE: A-n., Bot. Not. 1849: 88 (d.).
Anon., Bot. Zeit. 2: 416. 1844 (called to Greifswald), 7: 127, 159, 207-208. 1849 (d.; biogr. notes); Flora 24: 512. 1841 (disputation Breslau), 27: 256. 1844 (to Greifswald & Eldena), 32: 32. 1849 (d.).
Fiek, E., Fl. Schlesien 117. 1881.
Hall, N., Bot. Eucalypts 113-114. 1978.
Helm, J., Kulturpfl. 14: 353. 1966.
Jühlke, F., Allg. Gartenzeit. 17: 14-16. 1849; Bot. Zeit. 7: 159-160. 1849 (obit.; partly incorrect, see Schlechtendal 1849).
Maiden, J.H., J.W. Austral. nat. Hist. Soc. 6: 5. 1909.
Moldenke, H.N., Plant life 2: 81. 1946 (1948) (epon.).
Oborny, A., Verh. naturf. Ver. Brünn 21(2): 13, 21-22. 1882 (studied also the flora of Austrian Silesia).
Pax, F., Schles. Pfl.-Welt 12. 1915; Bibl. Schles. Bot. 68, 72, 90, 102, 117. 1929.
Schlechtendal, D.F.L. von, Bot. Zeit. 7: 207-208. 1849 (corrected obit. not. based on Jahrb. staats-landw. Akad. Eldena 1(2): 331-335).
Urban, I., Fl. bras. 1(1): 197-198. 1906.

COMPOSITE WORKS: (1) *Verbenaceae*, *in* A.P. de Candolle, *Prodr.* 11: 522-700. 25 Nov 1847.
(2) *Verbenaceae*, *in* Martius, *Fl. bras.* 9: 169-308, pl. 32-50. 1 Oct 1851.
(3) Contributed to J.G.C. Lehmann, *Pl. Preiss.* 1844-1848, see TL-2/4332; see below *Enum. pl. Preiss. Myrtac.*
(4) Contributed *Aurantiaceae*, *Myrtaceae*, *Apocynaceae*, *Asclepiadeae*, *Bignoniaceae* and Monocotyledonae (excl. Glumaceis), *in* F.J.F. Meyen, *Observ. bot.* 1843, TL-2/5895.
(5) Co-author M.J. Bluff, *Comp. fl. German.* ed. 2. 1836-1839, TL-2/559. – Notices in *Flora*: 18(2): 704. 28 Nov 1835 (first signature distributed with the issue of Flora as "Probebogen", hence p. 1-24 of vol. 1(1) publ. 28 Nov 1835 sic), 19(1) Lit. 4: 49-61. 7 Mai 1836 and 65-74. 28 Mai 1836 (anon. rev. of 1(1), publ. Jan 1836), 20(2): 670. 14 Nov 1836 (1(2) hence published by 1 Nov 1836), 21(2) Lit. 3: 42-52. 21 Nov 1838 (anon. rev. 1(2)), 23(2) Lit. 5: 72-83. 14 Jul 1840 (anon. rev. vol. 2).
(6) Moquin-Tandon, H.B.A., *Pflanzen-Teratologie* 1842, translation by J.C. Schauer; for French original see TL-2/6286.

NOTE: Nothing is known to us about Sebastian Schauer who published, with C.G. Nees von Esenbeck, *Enumeratio et descriptiones generum novarum* specierumque plantarum in terris mexicanis crescentium quas Ruhlandus, coloniensis, De Berghes et Dr. Aschenborn collegerunt, Linnaea 19(6): 681-734. Apr 1847, 20(6): 697-750. Dec 1847.

EPONYMY: *Schaueria* Hasskarl (1842); *Note*: *Sebastiano-schaueria* C.G.D. Nees (1847)) and

Sebschauera O. Kuntze (1891) honor Sebastian Schauer. The etymology of *Schauera* C.G.D. Nees (1836, *nom. rej.*) and *Schaueria* C.G.D. Nees (1838, *nom. cons.*) could not be determined.

10.505. *Chamaelaucieae.* Commentatio botanica quam consensu et auctoritate amplissimi philosophorum ordinis in Universitate literaria vratislaviensi pro obtinenda legendi venia d. xiii. Febr. an. mdcccxli hora xi. med. locoque sueto publice defendet Ioannes Conradus Schauer ... Vratislaviae [Breslau] (typis Grassii, Barthii et sociorum) [1841]. Qu. (*Chamaelaucieae*).

Publ.: 13 Feb 1841, p. [1]-21. *Copies*: HH, MO, NY, USDA. – "Habilitationsschrift" i.e. dissertation making S. eligible to a professorship. See also his "*Genera Chamaelauciearum nova*, Linnaea 10: 309-311. Feb-Mar 1836, and *Genera Myrtacearum nova vel denuo recognita*, ib. 17: 235-244. Aug-Oct 1843.

10.506. *Monographia myrtacearum xerocarpicarum.* Sectio i. Chamaelauciearum hucusque cognitarum genera et species illustrans ... [Breslau, Bonn; Nova Acta Leop. 19, suppl. 2. 1841]. Qu. (*Monogr. myrt. xerocarp.*).

Publ.: Feb-Nov 1843 (mss submitted 6 Oct 1840; Flora 28 Nov-28 Dec 1841; preface of first paper in journal p. xx, dated Jan 1841), p. [1]-120, *pl. 1-7* (uncol. liths. Carl Weitz). *Copies*: FI, G, NY(2); IDC 2302. – Preprinted or reprinted from Nova Acta Leop. 19 (suppl. 2): 153-272, *pl. 1-7*. Preliminary publ.: see above Chamaelaucieae, 1841. – See also his "*Die Melaleucen der deutschen Gärten*" in Allg. Gart.-Z. 3(21): 161-168. 23 Mai 1835.

10.507. *Der königliche botanische Garten zu Breslau* ... Liegnitz (Gedruckt bei Wilhelm Pfingsten) 1843. Oct. (*Bot. Gart. Breslau*).

Publ.: Jan-Feb 1843 (in journal; Flora rd. 28 Aug-30 Sep 1843), p. [1]-16. *Copy*: G. – Reprinted from Schles. Gart. Blumenzeit. 1843(1, 2): (n.v.).

Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 2: 150-153. 1844 (rev.).

10.508. Universitate litterarum erlangensi secularia prima, a.d. x kal. sept. mdcccxliii celebranda gratulatur Academia Leopoldino-Carolina caesarea naturae curiosorum. Adiecta est Ioannis Conradi Schauer, Dr. A.N.C.S. *de Regelia, Beaufortia et Calothamno* dissertatio gratulatoria. Vratislaviae [Breslau] (Typis Universitatis) [1843]. Qu. (*Regelia, Beaufortia, Caloth.*).

Publ.: Jan-Oct, probably Aug-Oct 1843 (10. kal. Sept.; Flora rd 1-15 Nov 1843), p. [1-3], 4-13, 18[=14], 19[=15], 16-17, 14[=18], 15[=19], 20-36, *1 pl.* (uncol. lith. Theodor Fischer). *Copies*: HH, L, MO, WU. – Part of the type is that used for Nova Acta Leop. 19 (suppl. 1) 1843.

Other edition (1): Jan-Oct 1843 (in journal; cited in Endlicher, Gen. Suppl. 3: 75. Oct 1843), p. [1]-32, *pl. 1*. *Copies*: B-S, FI, G, HH. – "*Dissertatio phytographica de Regelia, Beaufortia et Calothamno*, generibus plantarum myrtacearum ... (Acta Acad. Caes. Leop. Carol. Nat. Cur. vol. xxi. p. i)". Reprinted from Nova Acta Leop. 22(1): 1-32. 1845.

Other issue (2): Jan-Oct 1843, as other issue (1) but without "(Acta Acad. Caes. Leop. Carol. nat. Cur. vol. xxi. p. i)" on p. [1] and "Vol. xxi. p. i" and "1" [signature] instead. *Copies*: NY, U, US, USDA. – This is the actual way the text was published in the journal.

The two issues of the other edition differ from the 1843 original by not having the text on p. 1-8, but instead p. [1] new title, as given.

pages original issue	pages journal issue
9-13	5-9
18-19	10-11
16-17	12-13
14-15	14-15
20-36	16-32

Ref.: Müller, K., Bot. Zeit. 2: 153. 1 Mar 1844.
Vriese, W.H. de, Tijdschr. nat. Gesch. 12(bibl.): 83-84. Mar 1844.

10.509. *Enumeratio plantarum quas* in Australasia annis 1838-1841 *collegit L. Preiss, Myrtaceae* auctore J.C. Schauer. [J.G.C. Lehmann, Pl. Preiss. 1(1). 1844].
Publ.: 19-21 Sep 1844 (date receipt pars 1(1) *Pl. Preiss.* by Hinrichs), [i, cover-t.p.], [96]-160. *Copy*: G. – Reprinted and to be cited from J.G.C. Lehmann, Pl. Preiss. 1(1): 96-160. 1844, TL-2/4332. – Preliminary publication "Ueber die von Dr. L. Preiss im südwestlichen Neuholland gesammelten Myrtaceae" by Schauer in Flora 26(2): 405-410. 7 Jul 1843 with several new generic names as nomina nuda.

Schawo, Michael (1850-1909), German (Bavarian) algologist; telegraph operator at München ca. 1879-1891; later "Telegraphen-Verwalter" and "Postverwalter" at Lindau. (*Schawo*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 18: 496; De Toni 4: l.

BIOFILE: Haesler, I., in litt. 17 Feb 1982 (member Bot. Ver. Landshut 1879-1882; at that time "Kön. Telegraphen-Amtsgehilfe" München; mentioned as "Kön. Telegraphen-Expeditor" in membership list Bay. bot. Ges. 1891; in idem 1899 "Kon. Telegraphen-Expeditor" in Lindau; id. 1904 "Kgl. Telegraphen-Verwalter" Lindau); id. 23 Apr 1982 (d. 20 Oct 1909, aged 59 yrs, 3 months).
VanLandingham, S.L., Cat. Diat. 6: 3587. 1978, 7: 4224. 1978.

10.510. *Beiträge zur Algen-Flora Bayerns.* (Bacillariaceae) ... Landshut (Druck der Jos. Thomann'schen Buchdruckerei) [1896]. Oct.
Publ.: Jan-Apr 1896 (Allg. bot. Z. 15 Aug 1896; Bot. Centralbl. 22 Mai 1896; Bot. Zeit. 1 Jun 1896; Nat. Nov. Mai(1) 1896), p. [1]-74, *pl. 1-10* (uncol. liths. auct.). *Copy*: M. – Reprinted and to be cited from Ber. bot. Ver. Landshut 14(Abh.): 1-74, *pl. 1-10.* 1896 (for 1894/5). – The M copy has the above reprint t.p., another copy at G lacks the reprint imprint.
Ref.: Poeverlein, H., Allg. bot. Z. 2: 134. 15 Aug 1896.

Scheele, [Georg Heinrich] Adolf (1808-1864), German (Hannover) botanist and clergyman; from 1826 at Göttingen studying theology and botany; private teacher 1831-1834; from 1834-1842 in Hannover in the seminary, vicar at the church of St.-Egidius, and assistant pastor at Gross-Munzel; from 1842-1864 pastor at Heersum nr. Hildesheim. (*Scheele*).

HERBARIUM and TYPES: Present location unknown; further material at BREM, GOET, REG, and Hermann Roemer Mus., Hildesheim. – *Letters* to D.F.L. von Schlechtendal at HAL. – Scheele types are reported from CAS.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 660; Barnhart 3: 223 (b. 4 Jul 1808, d. 6 Sep 1864); Biol.-Dokum. 15: 7946; BM 4: 1826; CSP 5: 447; DTS 1: 262; Herder p. 305, 336; Hortus 3: 1203; Kanitz 190; Langman p. 677; ME 3: 451; Moebius p. 203, 269; Rehder 5: 764; RS p. 140; Zander ed. 10, p. 711, ed. 11, p. 811.

BIOFILE: Anon., Amer. J. Sci. ser. 2. 41: 264. 1866 (death notice; "a botanist of considerable merit; which, however, was not greatly shown in his contributions to the Flora of Texas, ..."); Bot. Zeit. 22: 328. 1864 (d.); Flora 47: 541. 1864 (d.); J. Bot. 2: 324 ("326") 1864 (d.); Österr. bot. Z. 14: 360. 1864 (d.).
Hitchcock, A.S. & A. Chase, Man. grasses US. 989. 1951 (epon.).
McKelvey, S.D., Bot. expl. Trans-Miss. West 890, 891, 896, 905-906. 1955.
Milner, J.D., Cat. portr. Kew 95. 1906.
Schlechtendal, D.F.L. von, Bot. Zeit. 22: 312. 1864 (d.; herb. for sale).
Seeland, H., Mitt. Herm. Roemer-Mus. Hildesheim 40: 19, 20-22, 28, 44. 1936.
Wagenitz, G., Index coll. princ. herb. Gott. 144. 1982.

Willkomm, M., Bot. Zeit. 22: 342-343. 1864 (obit.; herbarium of 12000 species with special emphasis on Hieracium; describes collection left; herbarium offered for sale).

COMPOSITE WORKS: *Verzeichniss der von Dr. Ferdinand Roemer aus Texas mitgebrachten Pflanzen, in* F. Roemer, *Texas 1849*, see TL-2/9397.

HANDWRITING: G. Wagenitz, Index coll. princ. herb. Gott. 209. 1982.

EPONYMY: *Parascheelea* Dugand (1940) and *Scheelea* G.K.W.H. Karsten (1857) commemorate the chemist Wilhelm Scheele (1742-1786).

NOTE: Scheele received Texas plants from Ferdinand Römer and F.J. Lindheimer and published *Beiträge zur Flora von Texas* in Linnaea:
21: 453-472. Aug 1848, 576-602. Oct 1849, 747-768. Jan 1849.
22: 145-168. Jun 1849, 339-352. Jul 1849.
23: 139-146. Mai 1850.
25: 254-256. Dec 1852, 257-265. Feb 1853.
See also C.F. Roemer, Texas 1849, Naturw. Anh. ii, p. 425-449, *Verzeichniss der ... Pflanzen* von A. Scheele.

10.511. *Beiträge zur deutschen und schweizerischen Flora* ... (Flora 1843 ...). Oct.
(*1*): 21 Mai-21 Jul 1843 (in journal), p. [1]-60. *Copy*: G. – Reprinted and to be cited from Flora 26: 297-310. 21 Mai, 313-328. 28 Mai, 421-435. 14 Jul, 437-455. 21 Jul 1843.
(*2*): 14-21 Sep 1843 (in journal), p. [1]-28. *Copy*: G. – Id. 26: 557-570. 14 Sep, 573-586. 21 Sep 1843.

10.512. *Beiträge zur Kenntniss der Gräser*, vorzüglich der deutschen und schweizerischen Flora, ... (Abgedruckt aus Flora 1844. Nro. 4). Oct.
Publ.: 28 Jan 1844, p. [1]-16. *Copy*: G. – Reprinted and to be cited from Flora 27: 49-64. 1844.

10.513. *Revue des Hiéraciums d'Espagne et des Pyrénées* par Adolph Scheele traduction française du texte latin et allemand par l'abbé Édouard Marçais ... avec notes par M. Édouard Timbal-Lagrave ... Auch (imprimerie et lithographie G. Foix, ...) 1884. Oct. (*Rev. Hiérac. Espagne*).
Translation: by Édouard Marçais (x-1925); *notes* by Pierre Marguérite Édouard Timbal-Lagrave (1819-1888).
Publ.: Aug-Oct 1884 (p. 6: 1 Jun 1883; Bot. Centralbl. 1-5 Dec 1884; BSbF rd. 25 Jul 1884; Bot. Zeit. 26 Dec 1884; Nat. Nov. Nov(2) 1884), p. [5]-96. *Copies*: G, NY. – Notes published in Rev. de Bot. 2: 69-96. 1846. – Reprinted or preprinted from Rev. bot. 2: [5]-96, [97]. 1884.
Original publication: *Revisio hieraciorum hispanicorum et pyrenaicorum*, Linnaea 31: 636-658. Jan-Feb 1863, 32: 643-688. Feb 1844 (no reprints known to us; tear sheet copy at G).
Rev.: Malinvaud, E., Bull. Soc. bot. France 31 (bibl.): 105-106. 1864 (rev.).

Scheer, Friedrich (Frederick) (1792-1868), German (Swedish-Pommeranian born, from the island of Rügen) merchant and botanist; settled in England as city merchant in London, living for many years on Kew Green, ultimately at Northfleet, Kent; active supporter of the continuation of Kew Gardens in 1839/1840. (*Scheer*).

HERBARIUM and TYPES: Unknown; the material described by Scheer in B.C. Seemann, Bot. Voy. Herald 1852-1857, is at BM (see TL-1/p. 441).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 223 (d. Dec 1868); BB p. 270; BM 4: 1826; Bossert p. 351; CSP 5: 447; Desmond p. 545; Hortus 3: 1203; Jackson p. 412; Kew 4: 617; PR 8136; Rehder 5: 764; Zander ed. 10, p. 711, ed. 11, p. 811.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1947. 1878.
Anon., Brit. Mus. gen. cat. print. books 214: 316. 1964 (used also pseud. Diogenes).

Hooker, W.J., Bot. Mag. *pl. 4743.* 1 Oct 1853 (*Scheeria mexicana*; notes on S.).
-r., Flora 52: 472. 1869 (brief obit., by G.A.W. Herrich-Schäffer?).
Seemann, B.C., J. Bot. 7: 268-270. 1869 (obit., on his role in saving Kew Gardens 1839/1840), Gard. Chron. 1869: 964-965.
Thiselton-Dyer, W.T., Bull. misc. Inf. Kew 1891: 324-325. 1891 (on Scheer at Kew).

COMPOSITE WORKS: Cacteae, in B.C. Seemann, *Bot. Voy. Herald* 285-293. 1856, see J. Britten, J. Bot. 59: 24. 1921.

EPONYMY: *Scheeria* B.C. Seemann (1853).

10.513a. *Kew and its Gardens*: ... London (B. Steill, ...) 1840. Oct. (*Kew Gard.*). *Publ.*: 1840 (p. vi: Mar 1840), p. [i], [v]-vi, [7]-69, [70]. *Copy*: B-S (p. iii-iv cut away), Yale.

Scheffer, Rudolph Herman Christiaan Carel (1844-1880), Dutch botanist; student of F.A.W. Miquel; Dr. phil. Utrecht 1867; director of the Botanic Gardens Buitenzorg (Bogor) 1868-1880; founder of the Economic Garden and the Agricultural School at Buitenzorg; id. of the mountain garden at Tjibodas. (*Scheff.*).

HERBARIUM and TYPES: BO; other material especially at L; further material at C, K, NA, P and 276 wood samples at BM. – *Letters* to F.A.W. Miquel at U.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 515; Barnhart 3: 223 (b. 12 Sep 1844, d. 9 Mar 1880); BJI 1: 50; BL 1: 121, 317; BM 4: 1827; Bossert p. 351; CSP 8: 847, 11: 300-301, 12: 653-654; Frank 3 (Anh.): 89; Herder p. 148, 164, 212, 291, 314, 317, 434; Hortus 3: 1203; IH 1 (ed. 6): 364; Jackson p. 118, 452; JW 2: 300, 3: 368, 4: 405; KR 4: 617; LS 23851-23852; Moebius p. 421; Morren ed. 2, p. 39; MW suppl. p. 308; NNBW 4: 1206-1207 (Sirks); PR 8137-8138; Rehder 5: 765; SK 1: 466-467, 4: cvi, cxiv-cxv, cxxix, cxlix, 5: cccxviii; Tucker 1: 627-628; Zander ed. 10, p. 711, ed. 11, p. 811.

BIOFILE: Anon., Bot. Centralbl. 1/2: 256. 1880 (d.); Bot. Not. 1881: 39 (d.); Bot. Zeit. 38: 408. 1880 (d.); Bull. Soc. bot. France 27 (bibl.): 45. 1880 (d.); De Economist 1880(1): 624-625; Flora 63: 290. 1880 (d.); J. Bot. 1880: 160 (d.); Nat. Nov. 2: 62. 1880 (d.); Nature 21: 523. 1880 (d.); Tijdschr. Nijverh. Landb. Ned. Indië 28: 104. 1883 (memorial tablet).
Boelman, H.A.C., Bijdr. Gesch. Geneeskruidcult. Ned. Oost-Indië 86-91. 1936.
Candolle, Alph. de, Phytographie 447. 1880 (pl. K).
E., v., Tijdschr. Ned. Maatsch. Nijverheid 43: 147-149. 1880 (obit.).
Forbes, H.O., Nature 22: 12-13. 1880 (obit.; as director of the garden S. "wrote more than 3000 letters a year with his own hand"), Dutch transl. in Tijdschr. Nijverh. Landb. Ned. Indië 25: 394-398. 1880.
Gager, C.S., Brooklyn bot. Gard. Rec. 27: 296. 1938.
Gorkom, K.W. van, Eigen Haard 1880: 428-431, 439-443 (obit., portr.); Jaarb. Kon. Akad. Wet. Amsterdam 1880: 1-21.
Högrell, B., Bot. Not. 1887: 206.
Kalkman, C. & P. Smits, eds., Blumea 25: 63, 65. 1979.
Merrill, E.D., Contr. natl. Herb. U.S. 30(1): 265. 1947 (Pacific bibl.).
Murray, G., Hist. coll. BM(NH) 1: 180. 1904 (wood samples).
Sirks, M.J., Ind. natuurrond. 92, 189-198, 194. 1915.
Stafleu, F.A., Wentia 16: 44. 1966, Fl. males. 8(3): (13). 1978.
Treub, M., 's Lands Plantentuin te Buitenzorg 18 Mei 1817-18 Mei 1892, Batavia 1892, p. 40-58 (Scheffer's activities as director Buitenzorg Garden; portr.); Der botanische Garten "'s Lands Plantentuin" zu Buitenzorg auf Java, Festschrift 58-74. 1893.
W., Indische Gids, Amsterdam, 2: 597-600. 1880 (obit.).

COMPOSITE WORKS: Founder and first editor of *Ann. Jard. bot. Buitenzorg* vol. 1, 1876.

EPONYMY: *Schefferella* Pierre (1890); *Schefferomitra* Diels (1912).

10.514. Dissertatio botanico inauguralis *de Myrsinaceis archipelagi indici*, quam, annuente summo numine, ex auctoritate rectoris magnifici Henrici Christiani Millies, ... nec non amplissimi senatus academici consensu, et nobilissimae facultatis matheseos et philosophiae naturalis decreto pro gradu doctoratus summisque in mathesi et philosophia naturali honoribus ac privilegiis in Academia rheno-traiectina rite et legitime consequendis ad d. xx m. martio, a. mdccclxvii, hora ii. Eruditorum examini submittet Rudolphus Hermannus Christianus Carolus Scheffer, e pago Spaarndam. In urbe Weesp Hollandiae (apud G.G. Brugman) 1867. Oct. (*Myrsin. arch. ind.*).
Publ.: 20 Mar 1867, p. [i-viii], [1]-117, 1 chart. *Copies*: HH, U, USDA, p. [115]-117: theses.
Commercial issue: 1867 (Flora 8 Apr-8 Oct 1867; Bot. Zeit. 31 Mai 1867), p. [i-viii], [1]-113, [114], chart. *Copies*: G, HH, KNAW, MO, NY. "*Commentatio de Myrsinaceis archipelagi indici* ..." Weesp (apud G.G. Brugman) 1867. Oct.
Ref.: Anon., Bull. Soc. bot. France 14 (bibl.): 201-202. 1868 (rev.).
Eichler, A.W., Flora 50: 364-367. 1867 (rev.).
J.M., Bot. Zeit. 25: 175. 31 Mai 1867.

10.515. *Observationes phytographicae* ... [Nat. Tijdschr. Ned. Indië 31, 32. 1869-1872]. Oct.
1: Jan-Mai 1869 (p. 23: Jul 1868; BSbF rd by 12 Jul 1869; Hasskarl review dated 9 Jun 1869), p. [1]-23. Reprinted and to be cited from Nat. Tijdschr. Ned. Ind. Batavia 31: 1-23. 1869.
2: Jan-Mar 1870 (p. 375: Nov 1869; Scheffer sent a copy to Miquel on 29 Mar 1870; Regensb. rd. Mai 1870), p. [25]-63. – Id. 31: [338]-375. 1870.
3: 1872 (p. 426: Jan 1872; Bot. Zeit. 28 Feb 1873; J. Bot. Mar 1873; Flora rd. Jan-Feb 1873), cover-t.p., p. [65]-104, *pl. 1-18*. – id. 32: [387]-426, *pl. 1-18* (uncol. liths. Carl Lang). 1873. See also Flora 53: 241-254. 1870.
Copies: G, HH, NY, U.
Ref.: Hasskarl, C., Flora 52: 299-304. 1 Jul, 305-310. 10 Jul 1869, 53: 241-254. 15 Jul 1870, reprinted p. [1]-11 and [13]-26 (*copy*: G).

10.516. *Het geslacht Diplanthera* Banks et Sol. [Nat. Tijdschr. Ned. Ind. 31, 1870]. Oct.
Publ.: Jan-Mar 1870 (p. 6: Oct 1869; J. Bot. Jun 1870; Flora rd. Mar-Apr 1870), p. [1]-6. *Copies*: G, U. – Reprinted (without identification) and to be cited from Nat. Tijdschr. Ned. Ind. 31: 332-337. 1870.
Ref.: Seemann, B.C., J. Bot. 8: 163. Jun 1870 (rev.).

10.517. *Sur quelques palmiers du groupe des Arécinées*, ... [Nat. Tijdschr. Ned. Ind. 32, 1872]. Oct.
Publ.: 1872 (Bot. Zeit. 10 Mai 1872), p. [1]-45. *Copy*: U. – Reprinted and to be cited from Nat. Tijdschr. Ned. Ind. 32: 149-193. 1872. See also C. Hasskarl, Flora 55: 183-189, 21 Apr, 203-208. 1 Mai 1872 (reprint, p. [1]-11. *Copy*: G. – "Ueber einige Palmen aus der Gruppe der Arecineae") and Ann. Jard. Bot. Buitenzorg 1: 103-164. 1876.

10.518. *Verhaal van een paar dienstreizen* in de adsistent-residentie Buitenzorg, gedaan in het najaar van 1870, ... [Batavia/'s Gravenhage 1872]. Oct.
Publ.: Jan-Apr 1872 (reprint rd. at Utrecht 20 Mai 1872), p. [1]-27. *Copy*: U. – Reprinted and to be cited from Nat. Tijdschr. Ned. Ind. 32: [207]-233. 1872.

10.519. *Bijdragen uit het buitenland tot de kennis der flora van den Indischen Archipel* ... Batavia [Djakarta] (Ernst & Co.) 1874. Oct.
Publ.: 1874, p. [i], [1]-79. *Copies*: HH, M, U. – Reprinted and to be cited from Nat. Tijdschr. Ned. Ind. 34: 33-111. 1874.

Scheidweiler, Michel Joseph François (1799-1861), German-born (Rheinland) Belgium botanist and horticulturist; at first active as pharmacist and industrial chemist at Siegsburg, Köln and Aachen; settled in Belgium 1830, at first in Liège, later in Brussels; teacher at the Bruxelles École de médecine vétérinaire et d'agriculture de la Belgique 1836, teacher at the horticultural college at Gentbrugge 1851. (*Scheidw.*).

HERBARIUM and TYPES: BR; further material at AWH, B (mainly destr.), L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 660; Barnhart 3: 223 (b. 1 Aug 1799, d. 24 Sep 1861); Biol.-Dokum. 15: 7961; BM 4: 1827; Bossert p. 352; CSP 5: 452; Herder p. 365, 393; Hortus 3: 1203; IH 2: (files); Langman p. 677; MW p. 434; PR (alph.), 5203, 8232, ed. 1: 5745, 9088; Rehder 5: 765; RS p. 140; Urban-Berl. p. 272; Zander ed. 10, p. 711, ed. 11, p. 811.

BIOFILE: Anon., Biogr. natl., Dict. écriv. belg. 3: 377. 1897; Bonplandia 9: 376. 1861 (obit. not.); Bull. Soc. bot. France 8: 503. 1863 (obit. not.); Österr. bot. Z. 11: 409. 1861 (d.).
Barral, J.A., Rev. hortic. 1862: 8 (d.).
Candolle, Alph. de, Phytographie 447. 1880 (coll. [then] at Gembloux).
Crépin, F., Man. fl. Belg. lviii. 1860, Guide bot. Belg. 247, 248, 476. 1878.
Fournier, É., Bull. Soc. bot. France 9: 558-559. 1863 (extract Rodigas, 1862).
Lemaire, Ch., Illustr. hortic. 8: 78. 1861 (obit. not.).
Oye, P. van, Plantk. Univ. Gent 18-19, fig. 25. 1960 (portr. brief sketch).
Reichenbach, H.G., Bot. Zeit. 19: 320. 1861 (brief obit.).
Rodigas, E., Notice sur la vie et les travaux de M.-J. Scheidweiler, Gand 1862, 31 p. (biogr., portr.).

COMPOSITE WORKS: (1) Co-editor with C. Lemaire & L. Van Houtte of *Flore des serres et des jardins de l'Europe*, 1845-1855, vols. 1-10.
(2) Editor, *Journal d'horticulture pratique*, vols. 1-5, 1843-1848.
(3) J. Schleiden, *La plante et sa vie*, 1859, translated by M. Scheidweiler and P. Royer, see under Schleiden.
(4) Editor, "*L'Horticulteur belge*, journal des jardiniers et des amateurs; ..." vol. 4. 1837.

EPONYMY: *Scheidweilera* Klotzsch (1854).

Scheit, Max (1858-1888), German (Sachsen-Weimar-Eisenach) botanist and high school teacher; Dr. phil. Jena 1883; teacher at Sonnenberg. (*Scheit*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 223; CSP 18: 500; Morren ed. 10: 24; Rehder 5: 765; Tucker 1: 628.

BIOFILE: Anon., Bot. Centralbl. 37: 327. 1889 (d. 22 Dec 1888); Bot. Zeit. 47: 65. 1889 (id.); Leopoldina 25: 51. 1889 (d.).
Scheit, M., Vita, *in* Dissertation, p. [31], see below (b. 3 Feb 1858).

10.519a. *Die Tracheidensäume der Blattbündel der Coniferen* mit vergleichendem Ausblicke auf die übrigen Gefässpflanzen, besonders die Cycadeen und Gnetaceen. Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde der hohen philosophischen Facultät der Universität Jena ... Jena (Gustav Fischer) 1883. Oct. (*Tracheidensäume Blattbünd. Conif.*).
Publ.: 1883 (Bot. Zeit. 28 Dec 1883), p. [1]-29, [31, vita], *1 pl.* (uncol. lith. auth.). *Copy*: HH.
Ref.: Engler, A., Bot. Jahrb. 5 (Lit.): 70. 6 Mai 1884 (rev.).

Schelle, Ernst (1864-1929), German gardener and botanist; head gardener at the University botanical Garden of Tübingen. (*Schelle*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Barnhart 3: 224; Biol.-Dokum. 15: 7965-7966; Hortus 3: 1203; Kew 4: 617; MW p. 434; Rehder 5: 765; TL-2/411; Tucker 1: 628; Zander ed. 10, p. 711, ed. 11, p. 811.

COMPOSITE WORKS: (1) With Ludwig Beissner (1843-1927) and Hermann Zabel (1832-

1912), *Handb. Laubholzben.* 1903, TL-2/410 (err. "Landholzben"), p. [i]-vi, [1]-625. *Copies*: NY, USDA, publ. Jun-Jul 1903.
(2) Published ed. 5 of *Salomons Wörterbuch der botanischen Kunstsprache*, Stuttgart 1904, q.v. sub C. Salomon.

10.520. *Handbuch der Kakteenkultur.* Kurze Beschreibung der meisten gegenwärtig im Handel befindlichen Kakteen, nebst Angabe zu deren Pflege. Für Gärtner und Kakteenliebhaber zusammengestellt von ... Stuttgart (Verlagsbuchhandlung von Eugen Ulmer, ...) 1907. Oct. (*Handb. Kakteenkult.*).
Publ.: 1 Nov-15 Dec 1906 (t.p.: 1907; p. [iii]: Herbst 1906; Bot. Zeit. 1 Jan 1907; Bot. Centralbl. 15 Jan & 7 Mai 1907; ÖbZ for Oct-Dec 1906; Nat. Nov. Dec(2) 1906), p. [i-iv], [1]-294. *Copies*: BR, H, HH, MO, USDA.

10.521. *Die winterharten Nadelhölzer Mitteleuropas.* Ein Handbuch für Gärtner und Gartenfreunde ... Stuttgart (Verlagsbuchhandlung von Eugen Ulmer ...) 1909 [i.e. 1908]. Oct. (*Winterh. Nadelh. Mitteleur.*).
Publ.: Oct 1908 (p. v: Sommer 1908; Bot. Zeit. 1 Feb 1909; Bot. Centralbl. 24 Nov 1908 sic; Nat. Nov. Oct(1,2). 1908), p. [i]-viii, [1]-356, *1 pl.*, 1 map. *Copies*: G, NY, HH, USDA.

10.522. *Kakteen* kurze Beschreibung nebst Angaben über die Kultur der gegenwärtig im Handel befindlichen Arten und Formen ... Tübingen (Alexander Fischer, Verlag) 1926. Oct. (*Kakteen*).
Publ.: Jan 1926 (p. iii: Herbst 1925; ÖbZ for Feb-Mar 1926; Nat. Nov. Feb 1926), p. [i-v], 1-368, [1]-70 (pl. with figs.), [72, imprint]. *Copies*: BR, MICH, MO, NY, USDA.

Schellenberg, Gustav [August Ludwig David], (1882-1963), German (Wiesbaden) botanist; Dr. phil. Univ. Zürich 1910 (student of H. Schinz); assistant botanist at Berlin-Dahlem 1911-1912; 1913-1915 editor Wiesbadener Tageblatt; on active service 1915-1919; lecturer ("Privatdozent") Kiel 1919-1925; assistant and lecturer Göttingen 1925; extra-ordinary professor ib. 1926-1934, later publisher of a newspaper in Wiesbaden; in 1954 still editor-in-chief of the Wiesbadener Tageblatt. (*G. Schellenb.*).

HERBARIUM and TYPES: GOET.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 15: 7968; BJI 2: 153; BM 8: 1148; Christiansen p. 97, 105, 319; Hirsch p. 262; Kew 4: 617-618; Langman p. 677; NW p. 57; Tucker 3: 270; Zep-Tim. p. 98.

BIOFILE: Anon., Hedwigia 66: (120). 1926.
Bullock, A.A., Bibl. S. Afr. bot. 99. 1978.
Kneucker, A., Allg. bot. Z. 28/29: 55. 1925 (app. Göttingen).
Merrill, E.D., B.P. Bishop Mus. Bull. 144: 163. 1937 (Polynes. bot. bibl.), Contr. U.S. natl. Herb. 30(1): 265. 1947 (bibl. Pacific).
Schellenberg, G., I. & H., Geschichte der Familie Schellenberg und Schellenberger, Marbach & Wiesbaden 242-243. 1931 (b. 28 Sep 1882).
Schuster, R.M., Hep. Anthoc. N. Amer. 1: 92. 1966.
Verdoorn, F., ed., Chron. bot. 1: 355. 1935, 3: 121. 1937, 4: 470, 571. 1938, 5: 169, 173. 1939.
Wagenitz, G., Index coll. princ. herb. Gott. 8, 145. 1982.

COMPOSITE WORKS: (1) *Connaraceae, in* A. Engler, *Pflanzenreich* 103: 1-326. 31 Mai 1938 (family iv/127); reprint Lehre 1958, ISBN 3-7682-2103-2.
(2) With G. Brandt, Ergänzungsband ii, to H.A. Köhler, *Med.-Pfl.*, 1913-1914, see TL-2/3806.
(3) With H. Schinz and A. Thellung, *Beiträge zur Kenntniss der Flora von Kolumbien und Westindien, in* O. Fuhrmann & E. Mayor, *Voy. expl. Sci. Colombie*, Neuchatel 1914, p. 342-431; published separately Jul 1913; see A. Thellung, Bot. Centralbl. 125: 231-232. 3 Mar 1914; Nat. Nov. Aug(2) 1913 (from Mém. Soc. Sci. nat. Neuchatel, 1913).

(4) Contributed to J. Mildbread, *Wiss. Erg. deut. Zentr.-Afr. Exped., Bot.* 1914, TL-2/6008.
(5) *Connaraceae*, maps 6-7 *in* Hannig, E. & H. Winkler, *Pflanzenareale* ser. 2. Heft 1.

HANDWRITING: Wagenitz, G., Index coll. princ. herb. Gott. 209. 1982.

EPONYMY: *Schellenbergia* C.E. Parkinson (1936).

10.523. *Beiträge zur vergleichenden Anatomie und zur Systematik der Connaraceen.* Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde vorgelegt der Philosophischen Fakultät (mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Wiesbaden (L. Schellenberg'sche Hofbuchdruckerei) 1910. Oct. (*Beitr. Anat. Syst. Connar.*).
Publ.: 1910 (ÖbZ for Jan 1911; AbZ 15 Mar 1911; Bot. Centralbl. 30 Mai 1911; Bot. Jahrb. 25 Jul 1911), p. [1]-158. *Copies*: B, BR, G, HH, M, MICH, NY(2), U, US, USDA. – Issued as Mitt. bot. Mus. Univ. Zürich 50, 1910.

10.524. *Revision der Gattung Limeum* L. ... Leipzig und Berlin (Verlag von Wilhelm Engelmann) 1914.
Publ.: 25 Mar 1914 (in journal issue), cover-t.p., p. [i, recto of 152], [152]-161. *Copies*: G, U. – Reprinted and to be cited from Bot. Jahrb. 50 Suppl.: [152]-161. 1914.

10.524a. *Über die Connaraceen-Gattung Jaundea* Gilg ... Leipzig (Verlag von Wilhelm Engelmann) 1919. Oct.
Publ.: 30 Sep 1919 (in journal), cover-t.p., p. [457]-463. *Copy*: G. – Reprinted and to be cited from Bot. Jahrb. 55(5): [457]-463. 1919.

10.525. *Über die Verteilung der Geschlechtsorgane bei den Bryophyten* ... Dresden-N. (Druck von C. Heinrich). [1920]. Oct.
Publ.: 1920, p. [i], [1]-39. *Copies*: B, H, M. – Reprinted and to be cited from Beih. Bot. Centralbl. 37(1): 15-153. 1920. – Accepted as "Habilitationsschrift" Kiel 16 Jul 1919.

10.526. *Les Connaracées de l'herbier Delessert* et de quelques autres herbiers remarques critiques et espèces nouvelles ... Extrait de Candollea, ... vol. ii, p. 91-120. [1925]. Oct.
Publ.: Mai 1925 (in journal), p. [1]-30. *Copy*: U. – Reprinted and to be cited from Candollea 2: 91-120. 1925.

10.527. *Die phylogenetische Entwicklung* und die Wanderungen *der Connaraceen* ... [Bot. Jahrb. 60, 1925]. Oct.
Publ.: 15 Dec 1925 (in journal), p. [207]-251. *Copies*: G. – Reprinted, without identification, and to be cited from Bot. Jahrb. 60: [207]-251. 1925.

10.528. *Die schleswig-holsteinischen Moore* ... Flensburg (Kunstgewerbemuseum ...) 1925. Oct.
Publ.: 1925, p. [225]-258. *Copy*: G. – Reprinted and to be cited from Nordelbingen, Beitr. Heimatforsch. Schlesw.-Holst. 4: 225-258. 1925 (journal n.v.).

10.529. *Beiträge zu einem phylogenetischen System der Blütenpflanzen* ... [Sonderabdruck aus der Festschrift Hans Schinz ... 1928]. Oct.
Publ.: 6 Dec 1928, p. [i, recto of 358, dated], [358]-381. *Copy*: G. – Reprinted and to be cited from Vierteljahrsschr. Naturf. Ges. Zürich 73: [385]-381. 1928.

Schellenberg, Hans Conrad (1872-1923), Swiss botanist; studied agronomy at the ETH, Zürich; with S. Schwendener in Berlin; Dr. phil. Univ. Zürich 1896; assistant at the national Swiss seed-control station; teacher at the agricultural college "im Strickhof"; habil. ETH Zürich 1901; lecturer ib. in plant pathology and viticulture 1903; extraordinary professor 1907; professor of agriculture ib. 1908. (*Schellenb.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 224 (b. 28 Apr 1872, d. 27 Oct 1923); BFM 3095; Biol.-Dokum. 15: 7968-7969; BJI 2: 154; BM 4: 1827; GR p. 648; Kelly p. 207; Kew 4: 618; LS 23856-23865, 38888-38895, 41709, suppl. 24542-24557; Nordstedt suppl. p.13; Rehder 5: 765; Stevenson p. 1257.

BIOFILE: Aellen, H., ed., Schweiz. Zeitgen.-lex. 589. 1921.
Anon., Bot. Centralbl. 107: 96. 1908 (extra-ord. prof.), 108: 288. 1908 (ord. prof. "Pflanzenbau"); Österr. bot. Z. 57: 487. 1907 (app. ETH), 72: 448. 1923 (d.).
Düggeli, M., Neue Zürcher Zeit. 3 Nov 1923, Viertelj.-Schr. naturf. Ges. Zürich 68: 590-592. 1923 (obit.); Ansprache ... bei der Beerdigungsfeier ... 30 Oktober 1923, 17 p. (incl. bibl.); Prof. Dr. Hans Conrad Schellenberg 1872-1923, Zürich 1923, 17 p. (portr., bibl., funeral address); also in Ber. deut. bot. Ges. 42: (110)-(118). 1924 (id.).
Kneucker, A., Allg. bot. Z. 14: 16, 180. 1908 (app. ETH), 28/29: 56. 1925 (d.).
Rikli, M., Schweiz. Landw. Monatsh. 1923(9): [2 p.] (obit.).
Schinz, H., Ber. schweiz. bot. Ges. 33: v-vii. 1924 (obit.).
Schmid, B. & C. Thesing, Biol.-Kalend. 304. 1914.

10.530. *Beiträge zur Kenntniss der verholzten Zellmembran.* Inauguraldissertation zur Erlangung der Doktorwürde eingereicht der Philosophischen Fakultät der Universität Zürich ... Zürich (Buchdruckerei Berichthaus ...) 1895. Oct. (*Beitr. Kenntn. verholzt. Zellmembran*).
Publ.: 1895, p. [1]-36. *Copy*: G.

10.531. *Ueber die Bestockungsverhältnisse von Molinia coerulea* Mönch ... Bern (Druck und Verlag von K.J. Wyss) 1897. Oct.
Publ.: 1897, p. [1]-13. *Copy*: M. – Reprinted and to be cited from Ber. schweiz. bot. Ges. 7: 69-82. 1897.

10.532. *Die Brandpilze der Schweiz* ... Bern (Druck und Verlag von K.J. Wyss) 1911. Oct. (*Brandpilze Schweiz*).
Publ.: Mai-Jul 1911 (p. x: Jan 1911; J. Bot. Aug 1911; Bot. Centralbl. 25 Jul 1911; Nat. Nov. Aug(1) 1911), p. [ii]-xlv, [xlvi], [1]-180. *Copies*: BR, FH, G, M, MICH, NY, USDA. – Beiträge zur Kryptogamenflora der Schweiz 3(2), 1911.
Ref.: Fischer, Ed., Bot. Centralbl. 117: 245-246. 1911.
Riehm, E., Mycol. Centralbl. 1: 245. 1912 (rev.).

Schelver, Friedrich (called Franz) **Joseph** (1778-1832), German (Westphalen) physician, philosopher and botanist; Dr. med.; lecturer at the University of Halle 1802-1803; extra-ordinary professor of medicine and director of the botanical garden at Jena 1803-1806; professor of botany and medicine at Heidelberg 1806-1832; fierce opponent of the acknowledgement of sexuality in plants. (*Schelver*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1827-1828; Herder p. 68, 121; Moebius p. 343, 344; PR 3972, 8148-8149, ed. 1: 4368, 9095-9096; Rehder 1: 33, 199.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 214: 455-456. 1964; Flora 16(1): 28. 1833 (d.,).
Chemnitius, F., Botaniker Univ. Jena 15, 21. 1930.
Heinsius, W., Allg. Büch.-Lex. 3: 545. 1812, 5: 487. 1817, 6: 733. 1822, 7(2): 264. 1829, 8(82): 213. 1838.
Mägdefrau, K., Gesch. Bot. 111, 125, 269. 1973.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 786. 1863 (b. 23 Jul 1778, d. 30 Nov 1832).
Renner, O., Jena Z. Med. Naturw. 78(2): 138-139. 1947 (opposition to sexuality of plants; left Jena 1806 after the battle of Jena; according to Renner his leaving remained unlamented).
Sachs, J., Gesch. Bot. 175-182. 1875; Hist. botanique 439. 1892.
Schmid, G., Goethe u.d. Naturw. 147, 248, 570, 616. 1940.

Zuchold, E.A., Jahresber. naturf. Ges. Halle 5: 50. 1853.

COMPOSITE WORKS: A.W.E.T. Henschel, *Von der Sexualität der Pflanzen* ... nebst einem historischen Anhange von F.J. Schelver, Breslau (bey Wilhelm Gottlieb Korn) 1820., Oct, p. [i]-xxviii, [29]-644, [645, err.]. *Copies*: B, NSUB.

EPONYMY: *Schelveria* C.G.D. Nees (1821) probably honors Schelver but no derivation of the generic name was given.

10.533. Franz Joseph Schelver's *Kritik der Lehre von den Geschlechtern der Pflanze*. Heidelberg (in Commission bei G. Braun) 1812. Oct. (*Krit. Geschl. Pfl.*).
Publ.: 1812, p. [i], [1]-86. *Copies*: G, MO.
Erste Fortsetzung: 1814, p. [i], [1]-118. *Copy*: G. – Franz Joseph Schelver's ... *Erste Fortsetzung* seiner *Kritik* der Lehre von den *Geschlechtern der Pflanze*. Carlsruhe und Heidelberg (in Commission bei G. Braun) 1814. Oct.
Zweite Fortsetzung: 1823, p. [i]-xvi, [1]-270, [271]. *Copy*:G. – "Franz Joseph Schelver's *Zweite Fortsetzung* seiner *Kritik* der Lehre von den *Geschlechtern der Pflanze*". *Carlsruhe* (*Verlag von Gottlieb Braun*) *1823. Oct.*
Ref.: Anon., Flora 1: 85-98. 1818 (rev.).

10.534. *Lebens- und Formgeschichte der Pflanzenwelt* von Franz Joseph Schelver. Handbuch seiner Vorlesungen über die physiologische Botanik für seine Zuhörer und gebildete Naturfreunde. Erster Band. Heidelberg (bey Joseph Engelmann) 1822. Oct. †. (*Lebens-Formgesch. Pfl.-Welt*).
Publ.: 1822, p. [i]-xii, [xiii-xvi], [1]-269. *Copies*: G, NY.

Schemmann, Wilhelm (1845-ca. 1920), German (Prussian) botanist and schoolteacher at Annen nr Witten; conducted a bryological exchange club. (*Schemmann*).

HERBARIUM and TYPES: MSTR; other material at E, GB, GOET and M.
Exsiccatae: *Deutsche Glumaceen*, 3 Lief., 1920-1921, 177 nos.; *Deutschlands Gramineen* 1892-1896, 266 nos. and various irregular sets of flowering plants and cryptogams.

BIBLIOGRAPHY and BIOGRAPHY: Morren ed. 10, p. 8; Tucker 1: 628.

BIOFILE: Anon., Allg. bot. Z. 1: 72. 1895; Rev. bryol. 20: 111. 1893.
Culman, P., Rev. bryol. 22: 1895 (on moss exchanges).
Runge, F., Abh. Landesmus. Naturk. Münster Westf. 29: 31, 33, 35. 1967.
Wagenitz, G., Index coll. princ. herb. Gott. 145. 1982.

10.535. *Beiträge zur Flora der Kreise Bochum, Dortmund und Hagen* ... [Verh. d. nat. Ver., Bonn, 1884]. Oct.
Publ.: 1884, p. [185]-250. *Copy*: HH. – Reprinted and to be cited from Verh. nat. Ver. preuss. Rheinl. 41: [185]-250. 1884.

10.536. *Beiträge zur Phanerogamen- und Gefässkryptogamen-Flora Westfalens* ... [Verh. d. nat. Ver., Bonn ... 1889]. Oct.
Publ.: 1889, p. [17]-50. *Copy*: HH. – Reprinted and to be cited from Verh. nat. Ver. preuss. Rheinl. 46: 17-50. 1889.

Schenck, A. (Adolf?) (*fl.* 1845), German botanist; high school teacher at the teacher's college of Nassau-Dillenburg. (*A. Schenck*).

HERBARIUM and TYPES: Unknown.

NOTE: Possibly identical with the entomologist Adolf Schenck who also lived at Nassau around 1845-1850. – Adolf Schenck (1857-1936, hence not identical with this author), was a geographer and geologist who explored and collected plants in German S.W. Africa.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1828; CSP 5: 454-455, 8: 849, 11: 302, 12: 654 (for "Ad. Schenck"); Herder p. 188; PR 8150, ed. 1: 9098; Rehder 1: 251, 381.

10.537. *Anleitung zur Bestimmung der im Herzogthum Nassau* u. dessen Umgebung *wildwachsenden Pflanzen-Gattungen*, nebst pädagogisch-didactischen Vorerinnerungen von A. Schenck, Prorector und Professor (Abhandlung zum Programme des Herzoglich Nass. Pädagogiums zu Dillenburg für 1845) [Wiesbaden 1845]. Qu. (*Anleit. Best. Nassau Pfl.-Gatt.*).
Publ.: 1845 (t.p., but PR has: Wiesbaden 1846; Hinrichs 25-27 Jun 1846 sic), p. [1]-112.
Copies: NSUB, NY. – Part of "Ankündigung der öffentlichen Schulprüfung des herzoglich Nassauischen Pädagogiums zu Dillenburg am 10. und 11. März 1845 von Joseph Braun, Rector. *Anleitung* ... von Prorector, Prof. Schenck. Dillenburg (gedruckt bei Ernst Weidenbach) 1845, p. [1]-14 Schulprogramm, followed by [1]-112. *Anleitung*.

Schenck, Carl Alwin (1868-1955), German (Hessen) forester and dendrologist; Dr. phil. Giessen 1894; to the United States 1895 as forester at the "Biltmore estate"; founder and first director of the Biltmore Forest School and head of the Vanderbilt Forestry reserves in North Carolina 1898-1913; from 1913 active in Germany (from Darmstadt); one of the organisers of the Hoover-plan for post-1918 hungry German; in close contact with the development of forestry in the United States until 1938 and again after 1945. (*C.A. Schenck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 15: 7974; Rehder 5: 766; Tucker 1: 628, 3: 270.

BIOFILE: Anon., Amer. Forests 61: 42. 1955 (obit. not., portr.); Amer. men Sci. ed. 2: 411-412. 1910; Forestry 53: 461. 1955 (obit. not.); New Yorker 27: 11-12. 1951; Who's who Amer. 4: 1567. 1906-1907, 5: 1663. 1908-1909, 6: 1684. 1910-1911, 7: 1841. 1912-1913, 8: 2063. 1914-1915, 9: 2166-2167. 1916-1917, 10: 2391. 1918-1919; Wood preserving News 34: 27-38. 1956.
Butler, O., The Biltmore story, St. Paul 1955, viii, 224 p.
Degener, H.A.L., Wer ist's ed. 4. 1218-1219. 1909.
Heske, F., Z. Weltforstwirtschaft 18: 231. 1955 (obit.).
Schenck, C.A., The Biltmore immortals 2: 19-22. s.d. (portr., curr. vit.); The Biltmore Story. 1955 (autobiographical).
Stephans, T., Z. Weltforstwirtschaft 15(1): 1-3. 1952 (portr.).
Verdoorn, F., ed., Chron. bot. 3: 121. 1937, 4: 88, 549. 1938, 6: 239. 1941.
Yates, B.C., Amer. Forests 79: 28-30,60-61. 1973 (on the trail of Dr. S.).
Zentgraf, Mitt. deut. dendr. Ges. 59: 1-3. 1956 (obit., portr., b. 25 Mar 1868, but on p. 7: 25 Mar 1869 sic).

10.538. *Fremdländische Wald- und Parkbäume* ein Buch für alle Forstwirte und Dendrologen ... in drei Bänden. Berlin (Verlag von Paul Parey ...) 1939, 3 vols. Oct. (*Fremdländ. Wald- Parkbäume*).
1: 1939 (p. x: Frühjahr 1939), p. [ii]-x, [xi], [1]-615, 3 maps.
2: 1939 (p vi: Frühjahr 1939), p. [ii]-vii, [1]-645.
3: 1939 (p.vi: Frühjahr 1939), p. [ii]-x, [1]-640.
Copy: U.

Schenck, [Johann] Heinrich [Rudolf] (1860-1927), German (Westfalen) botanist; studied at Bonn 1879-1880, 1882-1883, and Berlin 1881-1882; Dr. phil. Bonn 1884, student of E. Strasburger; travelled in Brazil 1886-1887 and Mexico 1908; habil. Bonn 1889; "Privatdozent" and assistant at the Botanical Institute, Bonn 1890-1896; extraordinary professor ib. 1896; professor of botany at the Technical University and director of the botanical garden Darmstadt 1896-1927. (*Schenck*).

HERBARIUM and TYPES: B (mainly destroyed), C, H, KIEL, L, M, MB, UPS, WRSL, Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 224 (b. 31 Jan 1860, d. 25 Jun 1927); Biol.-Dokum. 15: 7978; BJI 1: 51, 2: 154; BL 1: 88, 89, 95, 96, 100, 107; BM 4: 1828, 8: 1148; Bossert p. 352; CSP 18: 503; GR p. 130; Hirsch p. 262; IF p. 728; Kew 4: 619-620; Langman p. 677; LS 8491, 23868, 26018; Moebius p. 124, 175, 333, 375, 433; NI (alph.); Rehder 5: 766; TL-2/3613, 3616; see Johnson, T., Karsten, G.H.H., Noll, F.; Tucker 1: 628, 779, 3: 271; Urban-Berl. p. 268, 290, 313, 391.

BIOFILE: Anon., Bot. Centralbl. 37: 327. 1889 (habil. Bonn), 67: 96 (e.o. prof. Bot. Bonn), 160. 1896 (app. Darmstadt); Bot. Monatschr. 15: 94. 1897 (app. Darmstadt); Bot. Zeit. 47: 51. 1889 (habil. Bonn), 54: 240. 1896 (app. Darmstadt); Hedwigia 35: (96)(professor's title Bonn), (126). 1896 (app. Darmstadt), 50: (89). 1910 (geh. Regierungsrat); Nat. Nov. 18: 376. 1896 (app. Darmstadt); Österr. bot. Z. 46: 342. 1896 (app. Darmstadt), 76: 248. 1927 (d.); Z. Pilzk. 7: *pl. 11*. 1928 (portr.).
Degener, H.A.L., Wer ist's ed. 4. 1218-1219. 1909.
Fischer, Gustav, publisher, Verz. naturw. Werke Bot., ed. 2 (1878-1937), p. 18. 1938 (portr.).
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Mägdefrau, K., Gesch. Bot. 157, 216, 222, 292. 1973.
Möbius, M., Ber. deut. bot. Ges. 45: (89)-(101). 1927 (main obit., portr., bibl.).
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Schmid, B. & C. Thesing, Biol.-Kalend. 304. 1914.
Stieber, M.T., Huntia 3(2): 124. 1979 (mss. notes Agnes Chase).
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Wittmack, L., Bot. Jahrb. 13 (Beiblatt 29): 8-24. 1891 (Bromeliaceae Schenckianae; coll. Brazil 1886-1887).
Wittrock, V.B., Acta Horti Berg. 3(3): 151, *pl. 130*. 1905 (portr.).
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Schenk, [Joseph] August [von] (1815-1891), Austrian (Tirol) born German botanist and palaeontologist; studied medicine at München University; Dr. med. 1837; Dr. phil. Erlangen 1840; habil. München 1841; extraordinary professor of botany at Würzburg 1844; from 1850 regular professor and director of the Würzburg botanical garden; idem at Leipzig 1868-1887. (*Schenk*).

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7/9	193-232	*31-45*	Nov-Dec 1867	

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2	25-48	*9-15*	227-250	*30-36*	1871 before Oct
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	11	-707	1882, BZ 7 Jul 1882, Flora 11 Jul 1882, Nat. Nov. Mar(2) 1882
3(1)	12(32)	1-112	1883, BC 9-13 Apr 1883
	13(33)	113-256	1883
	14(35)	257-368	1883
	15(39)	369-432	Jan-Feb 1884, BZ 11 Apr 1884, Flora 1 Apr 1884, Nat. Nov. Mar(1) 1884
3(2)	15(39)	1-48	1884
	16(41)	49-174	1884
	17(45)	175-302	1885
	18(48)	303-430	1886
	19(50)	431-558	1887
	20(52)	559-686	1887, Nat. Nov. Oct(2) 1887
4	21(55)	1-64	1888
	22(57)	65-176	1888
	23(58)	177-294	1888
	24(61)	295-406	1889
	25(62)	407-532	1889
	26(62)	535-646	1890
	27(65)	647-781, [ii*-iv*], [i]-viii	Jun 1890, ÖbZ for Jun 1890; Bot. Zeit. 27 Jun 1890, Nat. Nov. Jun(2) 1890

10.562. *Fossile Pflanzen aus der Albourskette* gesammelt von E. Tietze,... Cassel (Verlag von Theodor Fischer) 1887. Qu. (*Foss. Pfl. Albourskette*).
Collector: Oskar Adolf Eduard Tietze (1874-1920).
Publ.: 1887 (Bot. Centralbl. 8-12 Aug 1887), p. [ii-v], [1]-12, [13-14], *pl. 1-9* (uncol.). *Copies*: BR, G, PH. – Bibliotheca botanica Band 2, Heft 6.
Ref.: Knowlton, F.H., Bot. Gaz. 12: 277-278. Nov 1887 (rev.).
Kornhuber, A., Österr. bot. Z. 38: 173-175. 1 Mai 1888 (rev.).
Sterzel (Chemnitz), Bot. Centralbl. 33: 236-237. 1888 (rev.).

10.563. *Fossile Hölzer aus Ostasien und Aegypten* ... Stockholm (Kongl. boktryckeriet. P.A. Norstedt & Söner) 1888. Oct. (*Foss. Hölz. Ostas. Aegypt.*).
Publ.: 1888 (mss. submitted 14 Mar 1888), p. [1]-24. *Copies*: B, G, U; IDC 7670(223). – Bih. k. Sv. Vet.-Akad. Handl. 14(iii) (2).

10.564. *Die fossilen Pflanzenreste* ... Breslau (Verlag von Eduard Trewendt) 1888. Oct. (*Foss. Pfl.-Reste*).
Publ.: Sep-Oct 1888 (p. [iii] early Sep 1888; Bot. Zeit. 2 Nov 1888; Bot. Centralbl. 29 Oct-2 Nov 1888), p. [i]-vi, [1]-284. *1 pl. Copies*: HH, NY, USGS. – Reprinted from *Handb. Bot.* 4(1): 1-270. 1888.
Ref.: F.H.K., Bot. Gaz. 14: 184-185. Jul 1889 (rev.).
Krasser (Wien), Bot. Centralbl. Beih. 1(3): 229-236. 1891 (rev.).

10.565. *Bemerkungen über einige Pflanzenreste aus den triasischen und liasischen Bildungen* der Umgebung des Comersees ... (Abdruck aus den Berichten der math.-phys. Classe der Königl. Sächs. Gesellschaft der Wissenschaften 1889). Oct.
Publ.: shortly after 7 Jan 1889 (date of presentation), p. [1]-13, *pl. 1* (uncol.). *Copies*: B, G. – Reprinted from Ber. mat.-phys. Cl. K. Sächs. Ges. Wiss. 43: 1-13. 1889.

10.566. *Ueber Medullosa* Cotta *und Tubicaulis* Cotta ... Leipzig (Bei S. Hirzel) 1889. Qu.
Publ.: shortly after 20 Mai 1889 (date of printing), p. [i-ii], [1]-37, [38], *pl. 1-3* (uncol.). *Copy*: G. – Reprinted and to be cited from Abh. mat.-phys. Cl. K. Sächs. Ges. Wiss. 15(6): 521-557, *pl. 1-3*.

10.567. *Handbuch der Palaeontologie* herausgegeben von Karl A. Zittel, ... ii. Abtheilung *Palaeophytologie* begonnen von W.Ph. Schimper, ... fortgesetzt und vollendet von A. Schenk ... München und Leipzig (Druck und Verlag von R. Oldenbourg) 1890. Oct. (*Handb. Palaeont., Palaeophyt.*).
Editor: Karl Alfred Zittel (1839-1904); *first author*: Wilhelm Philipp Schimper (1808-1880).
Publ.: 1879-1890 (p. iv: Feb 1890), p. [i]-xi, [1]-958, [1, err.]. *Copies*: G, HH, M, MO, NY, PH, Teyler, USGS (orig. covers); IDC 5356.

Lief.	pages	dates
1	1-152	1879
2	153-232	1880
3	233-332	1884
4	333-396	1885, BC 15-19 Feb 1886
5	397-492	1887, BZ 25 Nov 1887; BC 12-16 Sep 1887
6	493-572	1888, BC 3-7 Sep 1888
7	573-668	1889
8	669-764	1889
9	765-958, [i]-xi	1890, BC 19 Nov 1890; Flora 16 Jan 1891

French transl.: 1891, p. [i*], [i]-xi, [1]-949. *Copy*: *USGS*. – *Traité de paléontologie* ... partie ii. *Paléophytologie* ... traduit par le Dr. Charles Barrois avec la collaboration de MM. Fockeu, R. Moniez, Ch. Quéva, A. Six ... Paris (... Octave Doin ...), Munich et Leipzig (... R. Oldenbourg ...) 1891. Oct.

Schenk, Ernst (1796-1859), German (Thüringian) botanist and botanical artist, "akademischer Zeichnenlehrer" in Jena. (*E. Schenk*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 678; Barnhart 3: 226; BM 4: 1828; Herder p. 386, 411; Kew 4: 620; NI 1748-1750, 3: 45; PR 3422, 4863, 5049, 5902, 8214, 10466-10470, ed. 1: 3731, 5393, 5539, 11424, 11428; TL-1627; TL-2/2064, 3922, 4039-4041,

BIOFILE: Schmid, G., Goethe u.d. Naturw. 260, 333, 927. 1940.

COMPOSITE WORKS: Schenk provided illustrations to many works, see e.g. the references under PR and TL-2; some of the most noted are:
(1) K.C.T. Goebel, *Pharm. Waarenk.* 1827-1834, 2 vols., see TL-2/2064.
(2) J.C. Zenker, *Naturgeschichte der vorzüglichsten Handelspflanzen* 1832, 2 vols., *48 pl.* by Schenk.
(3) J.W. Krause, *Abbild. Getreideart.* 1834-1837, TL-2/3922.
(4) J.C. Zenker et al., *Fl. Thüringen* 1836-1855, 12 vols., 144 Hefte; see under J.C. Zenker.
(5) G. Kunze, *Analecta pteridogr.* 1837, see TL-2/4039; *Farrnkräuter* 1840-1851, 2 vols., see TL-2/4040; *Suppl. Riedgräs.* 1840-1850, see TL-2/4041.
(6) D.F.L. von Schlechtendal et al., *Fl. Deutschland* 1841-1869, 22 vols., (ed. 5: 1880-1888), see under D.F.L. von Schlechtendal.

(7) C.E. Langethal, *Termin. beschr. Bot.* 1845, see TL-2/4195.
(8) Johann Guenther & Friedrich Bertuch, *Pinakothek der deutschen Giftgewächse* ... Jena (Druck und Verlag von Friedrich Mauke) 1840, 16 p. text, *36 pl.* by Schenk; ed. 2 "herausgegeben von Dr. E. Schenk und Dr. Günther", Jena (id.) s.d., 16 p., *36 pl. Copy*: B.
(9) *Atlas* zu [Ludwig] Herfort's *Waarenlexikon*, Leipzig 1857, *80 pl.* (n.v.).

NOTE: For Ernst Schenk (b. 1 Mar 1880, d. 3 Feb 1965), German (Berlin) high school teacher and botanist (rhodologist), see M. Rosenthal, Willdenowia 4(3): 419-421. 1968 (obit., portr., bibl.). Schenk's herbarium was acquired by B in 1961 with that of Carl Risch.

10.568. *Atlas der vorzüglichsten Handelspflanzen* zu Schwarzkopf's Lehrbuch der Colonial- und Spezerei-Waarenkunde. Mit erläuterndem Texte und treu nach der Natur gezeichneten Abbildungen ... Jena (Druk und Verlag von Friedrich Mauke) [1853-1854]. Qu. (*Atlas Handelspfl.*).
Publ.: 1853-1854 (possibly in parts; p. [i-xxii], *pl. 1-48* (uncol. copp.). – Reissue of the plates belonging to J.C. Zenker, *Merkantilische Waarenkunde*, Naturgeschichte der vorzüglichsten Handelsartikel, 2 vols., 1831-1832, see under Zenker.

Scherbius, Johannes (1769-1813), German (Frankfurt a.M.) botanist and physician; Dr. med. Jena 1790, later practicing physician at Frankfurt a.M. and associated with the Senckenberg Institute. (*Scherb.*).

HERBARIUM and TYPES: FR; also HBG, JE, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 226 (d. 8 Nov 1813); BM 4: 1830; Dryander 3: 501; GR p. 44; GR, cat. p. 71; Hawksworth p. 185; Herder p. 183, 411; Hortus 3: 1203; Kew 4: 620; LS 9458; NI p. 245; PR 3167, 8167, ed. 1: 3468, 9110; SBC p. 131; TL-2/1926, 8593; Tucker 1: 628; Zander ed. 11, p. 754.

BIOFILE: Blum, J., Ber. Senckenb. naturf. Ges. Wiss., Abh. 1901: 10.
Conert, H.J., Senckenbergiana Biol. 48(C): 10. 1967.
McNeill, J. & H.C. Prentice, Taxon 30(1): 29. 1981 (date Oekon. Fl. Wetterau vol. 2).
Sayre, G., Bryologist 80: 517. 1977 (bryoph.).
Voigt, A., Bot. Inst. Hamburg 18. 1897.
Zingel, J., Gesch. Wetterau. Ges. ges. Naturk. 9, 14, 16, 20, 210. 1908.

COMPOSITE WORKS: With P.G. Gaertner and B. Meyer, *Oekon. Fl. Wetterau* 1799-1802, 3 vols., see TL-2/1926. *Additional information*: vol. 2 published 4 Mai 1800 (J. McNeill & H.C. Prentice 1981), thus antedating e.g. Rafn, Danm. Holst. Fl. vol. 2, which was published Jun 1800. Corrected pagination formula and date 3(2): [1]-388, [1, err.], [1, Nachricht dated 1 Jun 1802], [1]-32. Vol. 3(2) therefore came out Jun-Dec 1802. – *Copies*: FI, HH, L, USDA.

10.569. Dissertatio inauguralis medica *de Lysimachia purpureae* sive Lythri salicariae Linn. virtute medicinali non dubia. Quam rectore academiae magnificentissimo serenissimo duce ac domino domino Carolo Augusto ... consensu gratiosi medicorum ordinis pro gradu doctoris summisque in medicina et chirurgia honoribus ac privilegiis rite consequendis a.d. v junii [1790] publice defendet auctor Joannes Scherbius moenofrancfurtanus. Jenae (ex Officina Fiedleriana) [1790]. Qu. (*Lysim. purp.*).
Publ.: 5 Jun 1790, p. [i-vii], [1]-34, *1 pl.* (I.C. Berndt, uncol. copp.). *Copies*: FI, G.

Scherer, Johann [Baptist] Andreas (1755-1844), Bohemian botanist; studied at Praha and Wien under J.G. Mikan and N.J. v. Jacquin; practicing physician at Wien; professor of chemistry at the "Theresianische Ritterakademie", Wien 1797-1803; id. at the Technical Institute Praha, later professor of "special natural history" in Wien 1803-1833. (*Scherer*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Anon., Bot. Zeit. 2: 640. 1844 (d. 10 Apr 1844); Flora 27: 718. 1844 (d.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 787-788. 1863 (b. 24 Jun 1755, bibl., biogr. notes).

NOTE: The Swiss clergyman (O.S.B.) and botanist Emmanuel Scherer (b. 16 Jun 1876) defended 1903 at the University of Freiburg (Fribourg), Switzerland: *Studien über Gefässbündeltypen und Gefässformen*, Jena (Verlag von Gustav Fischer) 1903. Oct., p. [i, iii], [1]-44, [45, vita], *pl. 1-3* (uncol.) (*copy*: B); subsequently teacher in Sarney, d. 1929 (Ber. schweiz. bot. Ges. 39: v-xi. 1930).

10.570. *Beobachtungen und Versuche über das pflanzenähnliche Wesen* in den warmen Karlsbaden und Töplitzer Wässern in Böhmen, ... Dresden (In der Waltherischen Hofbuchhandlung) 1787. Qu.
Publ.: 1787, p. [1]-20. *Copy*: NSUB (inf. G. Wagenitz). – Reprinted and to be cited from Abh. böhm. Ges. Wiss. ser. 1. 2: 254-271. 1786 (1787).
Latin original: *in* N.J. Jacquin, Coll. 1: 171-185. 1786. "Observationes et experimenta super materia viridi thermarum carolinarum et toeplizensium regni Bohemiae".

Scherfel, Aurel Wilhelm (Vilmos Aurél) (1835-1895), Austro-Hungarian botanist and pharmacist; practicing pharmacist at Felka; founder and first director of the Tatra Museum in Poprad-Felka (Slovakia), explorer of the western Carpathic Mts. (*Scherfel*).

HERBARIUM and TYPES: Some material at W. – The original collections of the Poprad-Felka Museum (POP) are now incorporated in TNP.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 243 (b. 25 mar 1835, d. 18 Feb 1865); Barnhart 3: 226 (b. 24 Apr 1895); CSP 12: 655, 18: 506; Futak-Domin p. 524; Morren ed. 10, p. 41.

BIOFILE: Anon., Allg. bot. Z. 1: 112. 1895 (d.); Bot. Centralbl. 62: 304. 1895 (d.); Bot. Jahrb. 21 (Beil. 52): 16. 1895 (d.); Bot. Not. 1896: 44 (d.); Magyar. Kárpát. evkön. 22: 112-113. 1895; Österr. bot. Z. 45: 200. 1895 (d.); Brit. Mus. gen. cat. print. books 214: 540. 1964.
Borbás, V., Österr. bot. Z. 32: 134-135. 1882 (on publ.); Természett. Közlöny 37 (28 suppl.): 49-63. 1896 (obit., portr.); Különl. Természett. Közlöny 32: 49-63. 1897.
Pax, F., Grundz. Pfl.-Verbr. Karpathen 1: 19, 40, 47, 63. 1898 (Veg. Erde 2(1)).
Strauch, B., Turisták Lapja 7: 105-108. 1895.
Szymkiewicz, D., Bibl. Fl. Polsk. 124. 1925 (bibl.).

10.571. *Szepesvármegyében* eddig észlelt vadon termo vagy nagyban mivelt *edényes növények* rendszeres jegyzéke ... Felka (a Szerzö Sajátja) 1888. Qu. (*Szepesv. edén. növén.*).
Publ.: 1888, p. [1]-30, [31]. *Copy*: G. – A systematic account of the phanerogams growing wild or extensively cultivated in the region of Szepes (Spis).

Scherffel, Aladár, (1865-1938), Hungarian mycologist and algologist; studied at Budapest University 1883-1884, at Graz 1886-1887, again at Budapest 1887-1888; from then on private scientist at Iglo, Gödölló, later at the Hungarian biological institute at Tihany; Dr. phil. h.c. Szeged 1922; titular professor at the University of Szeged 1933. (*Scherff.*).

HERBARIUM and TYPES: Unknown. Library at Tihany.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 226,(b. 18 Feb 1865); Biol.-Dokum 15: 7992; BL 1: 51; Bossert p. 352 (d. 1 Jun 1939); Christiansen p. 173; Hawksworth p. 185; Hirsch p. 262; Kelly p. 207; LS 23876-23884, suppl. 24592-24599; Stevenson p. 1257 (err. Scherfell).

BIOFILE: Donk, M.A., Beih. Nova Hedw. 5: 222. 1962 (lectotypif. Phaeomarasmius Scherff., Hedwigia 36: 288-290. 1897).

Entz, G., Magy. biol. kut. Munk. 13: 1-10 (obit., portr., d. 1 Jun 1938), [1-4] bibl. and list of taxa). 1941.
Szymkiewicz, D., Bibl. fl. Polsk. 42. 1925.
Verdoorn, F., ed., Chron. bot. 1: 10, 184. 1935, 5: 506. 1939 (d.), 6: 44. 1941, 7: 351-352. 1943 (obit.).

EPONYMY: *Scherffelia* Pascher (1911); *Scherffelia* F.K. Sparrow (1933); *Scherffeliomyces* F.K. Sparrow (1934); *Scherffeliomycopsis* L. Geitler (1962).

10.572. Aus der Biologischen Anstalt auf Helgoland. *Phaeocystis globosa* nov. spec. nebst einigen Betrachtungen über die Phylogenie niederer insbesondere brauner Organismen ... [Kiel 1900]. Qu. (*Phaeocyst. glob.*).
Publ.: 1900 (p. 62: Oct 1899), p. [1]-29, *pl. 1* (col. lith. auct.). *Copies*: C, FH. – Wiss. Meeresunters. Helgoland 4(1). 1900. – Preliminary publication: Ber. deut. bot. Ges. 17: 317-318. 1899.

10.573. *Endophytische Phycomyceten-Parasiten* der Bacillariaceen und einige neue Monadinen.
Publ.: 31 Jul 1925, p. [1]-141, *pl. 1-5*. Issued in Arch. Protist. 52: 1-141. *pl. 1-5*. 31 Jul 1925.

Scheuchzer, Johannes (1684-1738), Swiss botanist at Zürich; brother of J.J. Scheuchzer. (*J. Scheuchzer*).

HERBARIUM and TYPES: See J.J. Scheuchzer; many specimens also in P-HA.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 935; Backer p. 515; Barnhart 3: 227 (b. 20 Mar 1684, d. 8 Mar 1738); BM 4: 1830; Bossert p. 352; Clokie p. 238; Dryander 3: 152, 212, 214; Frank 3 (Anh.): 89-90; Hegi 1: 147; Herder p. 277; Jackson p. 132; Kew 4: 621; Lasègue p. 347; NI 1751; PR 3728, 8170-8172, ed. 1: 4082, 9113-9115; Saccardo 1: 149, 2199; TL-2/2314; Tucker 1: 629.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 214: 578-579. 1964.
Attinger, V., Dict. hist. biogr. Suisse 6: 9. 1932.
Candolle, Alph. de, Phytographie 447. 1880 (coll. ZT).
Cavillier, J., Boissiera 5: 87. 1941.
D-U, *in* J.F. Michaud, Biogr. univ. 28: 292-293. 1969 (reprint of 1854 ff. ed.).
Hulth, J.M., Bref Skrifv. Linné 2(1): 187, 188, 193, 2(2): 51-52. 1943.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 794. 1863.

EPONYMY: *Scheuchzeria* Linnaeus (1753).

HANDWRITING: Savage, S., Cat. Linn. herb. fig. 70. 1945; J.E. Dandy, The Sloane herbarium, facs. 92. 1958, Clokie p. 279.

10.574. *Agrostographiae helveticae prodromus* sistens binas graminum alpinorum hactenus non descriptorum, & quorundam ambiguorum decades ... [Zürich] (sumptibus auctoris) 1708. Fol. (*Agrostogr. helv. prodr.*).
Publ.: 1708, p. [1]-28, *pl. 1-8* (uncol. copp. J.H. Huber). *Copies*: NY, USDA.

10.575. *Operis Agrostographici idea* seu graminum, juncorum cyperorum, cyperoidum, iisque affinium methodus ... Tiguri [Zürich] (Typis Bodmerianis) 1719. Oct. (*Oper. Agrostogr. idea*).
Publ.: 1719 (p. [vii]: 4 Mar 1719), p. [i-vii], 1-93, [94-106]. *Copies*: MO, NY.

10.576. *Agrostographia* sive graminum, juncorum, cyperorum, cyperoidum, iisque affinium historia ... Tiguri [Zürich] (Typis & sumptibus Bodmerianis) 1719. Qu. (*Agrostographia*).
Publ.: 1719, p. [i*, t.p.], [sign. x_5-x_3, i-xxxviii], 1-512, *pl. 1-11* (copp. D. Herrliberger), *pl. 1-8* (copp., J.H. Huber), Ttt_1-Xxx_4 [1-24]. *Copies*: BR, FI, G, H, HH, KNAW, M,

MICH, MO, NSW, NY, USDA. – The set of 8 folded plates is identical with that in the Agrostogr. helv. prodr., 1708; this set is often lacking.

Later ed.: 1775, see TL-2/2314, A. von Haller, *Agrostographia*, additional copies seen BR, FI, H, HH, M, MICH, MO, PH, USDA.

Scheuchzer, Johann Jakob (1672-1733), Swiss naturalist, physician and historian; studied at Altdorf 1692; Dr. med. Univ. Utrecht 1694; second town physician at Zürich 1704; professor of mathematics at the Zürich Carolinum 1710 (? 1716), first town physician 1733; explorer of the Alps and founder of palaeobotany and palaeontology. (*J.J. Scheuchzer*).

HERBARIUM and TYPES: ZT; grasses and other plants in herb. Sloane (BM), see Dandy 1958; some further material in E (via herb., Giseke) and OXF. – Lists of plants are given by S. in his travelogues, e.g. the *Itinera alpina* (Itinera helvetiae alpinas regiones ... Leiden 1723. 4 vols). – Letters to Sherard at Roy. Soc., London.

NOTE: For a detailed bibliography of J.J. Scheuchzer see e.g. Brit. Mus. gen. cat. 214: 575-579. 1964 (70 nos.); for biographical and bibliographical references as well as secondary studies see Poggendorff 1971. We list here only a selection of writings on Scheuchzer which may be of importance for an understanding of his palaeontology or botany.

BIBLIOGRAPHY and BIOGRAPHY: ADB 34: 710-715; AG 1: 374, 5: 384, 6(2): 935; Backer p. 515-516; Barnhart 3: 227 (b. 2 Aug 1672-23 Jun 1733); BM 4: 1830-1831; Bossert p. 352; Clokie p. 238; DSB 12: 159, 1975; GR p. 645; Herder p. 58, 75, 352, 425; HU 456; IH 1 (ed. 6): 364, (ed. 7): 342; Jackson 1, 19, 176, 341; Kew 4: 621; Lasègue p. 347; LS 23888; Moebius p. 126, 376, 377; NI 1752, see also indexes; Oudemans p. 234; Plesch p. 398; PR 8173-8174, ed. 1: 9117-9120; Quenstedt p. 381; Rehder 5: 766; Saccardo 2: 99; Sotheby 678; TL-2/see A. Buddle, P.A. Micheli; Tucker 1: 629.

BIOFILE: Andrews, H.N., The fossil hunters 20, 38-40. 1980.

Anon., Brit. Mus. Gen. Cat. print. books 214: 575-578. 1964. (bibl.); Cat. gén. livr. impr. Bibl. natl., auteurs 165: 257-263. 1943 (bibl.); Dict. Sci. méd., Biogr. méd. 7: 140-141. 1825; Flora 18: 573. 1835 (Römer/Scheuchzer herbarium acquired by R.J. Shuttleworth); Schweiz. Lexik. 6: 914. 1948.

Attinger, V., Dict. hist. biogr. Suisse 6: 9. 1932.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 434 [index]. 1980.

Buess, H., Bio-bibliographisches Nachwort über J.J. Scheuchzer, *in* M.L. Portman, Basl. Veröff. Gesch. Med. Biol. 19, 1964.

Coolidge, W.A.B., *in* Encycl. brit. ed. 11. 24: 322. 1911.

C-v-r, *in* J.Fr. Michaud, Biogr. univ. 28: 290-292. 1969 (reprint of 1854 ff. ed.).

Dandy, J.E., Sloane herb. 200-202. 1958 (collection at BM).

Fischer, H., Atlantis 8(9): 169-376. 1946 (corr. C. Gessner – J.J. Scheuchzer; extract *Physica sacra*), Vierteljahrsschr. Naturf. Ges. Zürich 91(3-4): 163-196. Dec 1946 (id. extensive, annotated treatment), see also D. Guthrie, Nature 158: 559. 1946; Johann Jakob Scheuchzer, Naturforscher und Arzt. Zürich 1972, 168 p. (main modern study of S. as a natural scientist) published as Neujahrsbl. naturf. Ges. Zürich 175. for 1973 publ. 1972).

Forbes, R.F., Martinus van Marum 1: 46, 396. 1969, 2: 309-310, 330. 1970.

Fueter, E., *in* Grosse Schweizer 235-235. s.d. (Zürich).

Furrer, E., Vierteljahrsschr. Naturf. Ges. Zürich 110(3): 363-394. 1965, 118(4): 363-387. 1973 (on the 1963 and 1973 Scheuchzer exhibitions).

Geikie, A., *in* E. Kaempfer, The history of Japan 1: xv-xvi. 1903 (Glasgow ed.).

Mägdefrau, K., Gesch. Bot. 232-235, 253, 296. 1973.

Murray, G., Hist. coll. BM(NH) 1: 180. 1904 (herb. coll. in Sloane herb.).

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Peyer, B., Gesnerus 2: (1), 23-34. 1945 (place in contemp. society).

Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 792. 1863, 7a (suppl.): 583-585. 1971 (q.v. for many references to biographies and bibliographies as well as of studies on Scheuchzer and a list of portraits).

Richardson, R., Extracts lit. sci. corr. 94, 173, 175, 190, 213. 1835.
Schröter, C., Verh. Schweiz. naturf. Ges. 99: 10-11. 1918 (collected many plants and listed them in his travelogues).
Schwarzbach, M., Auf den Spuren unserer Naturforscher 271. 1981.
Steiger, R., Schweiz. Stud. Geschichtswiss. 15(1): 1-111. 1927 ("Werdezeit" bis 1699); Beibl. Vierteljahrsschr. naturf. Ges. Zürich 78: 1-75 1933 (list of his scientific estate, mss., letters, list of correspondents, bibl., biogr.; important treatment).
Ward, Ann. Rep. U.S. Geol. Surv. 5: 370, 425. 1885.
Wittrock, V.B., Acta Horti Berg. 3(2): 152. 1903, 3(3): 164. 1905.
Zischka, G.A., Allg. Gelehrt.-Lex. 575. 1961.
Zittel, K.A. von, Gesch. Geol. Paläont. 863 [index] 1899 (13 entries); Hist. geol. palaeontol. 556 [index] 1901.

HANDWRITING: Candollea 33: 167-168. 1978; J.E. Dandy, Sloane herbarium 1958, facs. no. 62; Vierteljahrsschr. Naturf. Ges. Zürich 190: 387. 1965.

10.577. *Herbarium diluvianum* collectum à Johanne Jacobo Scheuchzero, ... Tiguri [Zürich] (Literis Davidis Gesneri) 1709. Fol. (in fours). (*Herb. diluv.*).
Publ.: 1709, p. [i, engr. t.p.], [1]-44, *pl. 1-10* (uncol. copp. Johann Heinrich Huber (1677-1712) comprises one landscape). *Copies*: FH, G, NY. – Steiger no. 37.
Editio novissima: 1723 [i, engr. t.p.], [iii regular t.p. with center engr.], [v, dedic.], portrait Scheuchzer (uncol. copp. Melchior Füsslinus), [1]-119, [120-124], *pl. 1-14* (uncol. copp.; no landscape). *Copies*: BR, MO, NY. – "Johannis Jacobi Scheuchzeri, ... Herbarium diluvianum. Editio novissima, duplo auctior". Lugduni Batavorum [Leiden] (sumptibus Petri vander Aa, ...) 1723. Fol. (in fours). – For a bibliographical analysis see HU 356; see also Steiger 88.

10.578. *Bibliotheca scriptorum historiae naturali* omnium terrae regionum inserventium. Historiae naturalis helvetiae prodromus ... Tiguri [Zürich] (typis Henrici Bodmeri) 1716. Oct. (*Bibl. hist. nat.*).
Publ.: 1716, p. [i-xiv], 1-241. *Copies*: HU, PH. – Steiger 62.

Scheuchzer, Johannes fil. (1738-1815), Swiss botanist at Zürich; son of Joh. Scheuchzer (1684-1738); Dr. med. Leiden 1760; private scientist at Zürich from 1760; for some time assistant librarian at the municipal library, head-librarian 1789-1795. (*J. Scheuchzer, fil.*).

HERBARIUM and TYPES: See J.J. Scheuchzer.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 27 (b. Apr 1738, d. 26 Sep 1815); Dryander 3: 562; PR 9116.

BIOFILE: Hulth, J.M. & A.H. Uggla, Bref Skrifv. Linné 2(2): 210, 211, 213, 216, 218. 1943.
Rudio, J., Vierteljahrsschr. naturf. Ges. Zürich 41: 208. 1896.

10.579. Dissertatio medica inauguralis *de alimentis farinaceis*. Quod annuente deo ter. opt. max. ex auctoritate magnifici rectoris, ... nec non amplissimi Senatus academici consensu, & nobilissimae facultatis medicae decreto, pro gradu doctoratus, summisque in medicina honoribus, & privilegiis ritè ac legitimè consequendis, eruditorum examini submittit Johannes Scheuchzer, helveto tigurinus. Ad diem 27. Octobris mdcclx h.l.q.s. Lugduni batavorum [Leiden] (apud Georgium Wishoff) 1760. Qu. (*De alim. farinac.*).
Publ.: 27 Oct 1760, p. [i, iii], 1-38, [1, expl. pl.], [2, err. and expl. pl. repeated]. *1 pl.* *Copy*: NY.

Scheuermann, Richard (x-1949), German botanist at Hannover, Dortmund and Nordhausen. (*Scheuermann*).

HERBARIUM and TYPES: HAN; further material at MSTR.

BIOFILE: Koppe, F., Abh. Naturw. Ver. Bremen 36: 256. 1964 (d. 8 Jan 1949).
Pax, F., Bibl. schles. Bot. 81-82. 1929.
Seeland, H., Mitt. Herm. Roemer. Mus. Hildesheim 40: 8, 39, 41, 44, 46. 1936.

10.580. *Mittelmeerpflanzen der Güterbahnhöfe* des rheinisch-westfälischen Industriegebietes ... Bonn (Bonner Universitäts-Buchdruckerei Gebr. Scheur) 1930. Oct.
Publ.: 1930, cover-t.p., p. [121]-207. *Copies*: B, FAS, US. – Reprinted and to be cited from Verh. nat. Ver. preuss. Rheinl. Westf. 86: 256-342. 1929 (1930). – Also issued as Beitr. Landesk. Ruhrgeb. 3: 121-207. 1929 "Adventivpflanzen im Ruhrgebiet", on p. 3-120: L. Bonte, Beitr. Adv.-Fl. rhein.-westf. Industriegeb. 1913-1927).
Nachtrag 1: 1934, in Repert. Sp. nov. Beih. 74: 65-99. 1934.
Nachtrag 2: 1940, ib. 121: 131-156. 1940.

Scheutz, Nils Johan Wilhelm (1836-1889), Swedish botanist; Dr. phil. Uppsala 1857; high school teacher at Västervik (1859) and Växjö (1862); lecturer in natural history and Latin Växjö 1872; especially interested in rhodology and bryology. (*Scheutz*).

HERBARIUM and TYPES: LD (bryol. herb.; some phan.), Växsjö Highschool (phan.); other material at B (mainly destroyed), C, GB, H, LD, MW, UPS, WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 74; Barnhart 3: 224; BL 1: 542, 544, 714; BM 4: 1831; Bossert p. 352; CSP 5: 460, 8: 852, 11: 304, 12: 655, 18: 509; Herder p. 195, 266, 342; IH 2: (files); Kew 4: 621; Kleppa p. 217; KR p. 622-624 (b. 8 Apr 1836, d. 26 Feb 1889); Morren ed. 10, p. 108); MW p. 434; PR 8175-8176; Rehder 5: 5: 766-767; SO 863, 2727; TL-2/3552; Tucker 1: 629; Urban-Berl. p. 313.

BIOFILE: Anon., Bot. Centralbl. 38: 464. 1889 (d.); Bot. Jahrb. 11 (Beil. 24): 1. 1889 (d.); Bot. Not. 1871: 15 (to Gotland), 197 (in Blekinge), 1872: 96 (to Bohuslän), 1889: 79 (obit. not.); Generalreg. Bot. not. 1839-1938, p. 70 (16 papers in Bot. Not.), 116. 1939; Österr. bot. Z. 39: 200. 1889 (d.); Nat. Nov. 11: 133. 1889 (d.); Rev. bryol. 16: 48. 1889.
Hård af Segerstad, E. & F., Årsskr. Smålands Nations Kamratför Uppsala 9: 28-37. 1946 (portr., biogr. sketch), 11: 47-54. 1948 (on E. Fries and Scheutz).
Högrell, B., Bot. Hist. 277-278. 1886.
Lindman, S., Sv. män och kvinn. 6: 547. 1949 (biogr. sketch, portr.).
Sayre, G., Bryologist 80: 517. 1977 (bryoph. at H).
Willkomm, M., Bot. Centralbl. 44: 432. 1890 (musci for sale).
Wittrock, V.B., Acta Horti Berg. 3(2): 70. 1903, 3(3): 52, *pl. 102*. 1905 (portr.).

10.581. *Conspectus florae smolandicae*, quem venia ampl. facult. philos. Upsal. pro gradu philosophico p.p. Nicolaus Johannes Scheutz, smolandus. In audit. botan. d. xiii maji 1857. H.A.M.S. Pars i. Upsaliae (Typis Acad. reg. typographi) 1857. Oct. (*Consp. fl. smoland.*).
Thesis issue: 15 Apr-13 Mai 1857, p. [i*-ii*], [i]-xviii, [1]-16. *Copies*: G, LD.
Completed, commercial edition: 1857 (after 13 Mai; Bot. Zeit. 25 Sep 1857; Flora 14 Oct 1857), p. [i*], [i]-xviii, [1]-58. *Copies*: Almborn, GB, HH, NY, Peterson, USDA. – "*Conspectus florae smolandicae* scripsit Nicolaus Johannes Scheutz, phil. mag." Upsaliae (id.) 1857. Oct.
Additions: 1862, cover-t.p., p. [1]-16. *Copies*: LD, Peterson. – Några bidrag till Smålands Flora. – Program till Årsexamina vid Westerviks Elementär-Läroverk den 12 och 13 Juni 1862 (printed Jun 1862).
Ref.: Anon., Flora 41: 143-144. 7 Mar 1858 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 15: 678-680. 1857 (rev.).

10.582. *Smålands flora* innefattande Kronobergs och Jönköpings läns fanerogamer och ormbunkar ... Wexjö (tryckt hos C.G. Södergren) 1864. Duod. (*Smålands fl.*).
Publ.: 1864 (p. iv: Apr 1864), p. [i]-xxiv, [1]-362. *Copies*: H, LD, Univ. Washington. – See BL 2: 544 for additional literature on Smålands flora.
Additions: Bot. Not. 1871: 55-57, 82-94, 120-126, 143-148 and 1872: 72-74.

Reprint: 1977, p. [i*, ii*], followed by facsimile. *Copy*: Almborn. – Stockholm (Bokförlaget Rediviva) 1977, ISBN 91-7120-094-0.

10.583. *Svenska fanerogamernas och bräkenarternas vetenskapliga namn.* Ett bidrag till Växtnamnens etymologi ... Lund (tryckt uti Berlingska Boktryckeriet) 1868. Oct. (*Sv. phan. vet. namn*).
Publ.: 1868, p. [i], [1]-70. *Copies*: HH, NY. – KR states that the text also came out in "Wexiö h. Elem.-Lärov. Redog., läsåret 1867-1868" [err. "1866-1867"].

10.584. *Prodromus monographiae georum* ... Upsaliae (excudit Ed. Berling Reg. Acad. typographus) 1870. Qu. (*Prodr. monogr. geor.*).
Publ.: 1870 (mss. submitted 18 Dec 1869; ÖbZ rev. 1 Dec 1870), p. [i], [1]-69. *Copies*: BR, H, LD, M, MO, NY. – Also issued as Nova Acta Reg. Soc. Sci. Upsal. ser. 3. 7(6). 1870.
Ref.: Kerner, A., Österr. bot. Z. 20: 377-381. 1 Dec 1870 (critical rev.; hybridophobia).

10.585. *Studier öfver de skandinaviska arterna af slägtet Rosa* ... Wexjö (Edv. Ljungströms arfvingar) 1872. Qu. (*Stud. skand. Rosa*).
Publ.: 1 Jan-13 Mar 1872 (J. Bot. Oct 1872; KR), p. [i], [1]-46. *Copies*: BR, HH, LD, Peterson. – Redogörelse för elementar-läroverken i Wexjö och Wernamo 1871-872, p. 1-46. 1872.
Follow-up: J.A. Leffler, Bot. Not. 1872: 150-156, 187 (criticism), N.J. Scheutz ib. 1873: 191-192. (reply).

10.586. *Bidrag till kännedomen om slägtet Rosa* ... Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar, 1873. N:o 2. Stockholm. Oct.
Publ.: 1873 (mss subm. 12 Feb 1873), cover-t.p., p. 19-50. *Copies*: BR, LD-UB, MO. – Issued and to be cited as Öfv. K. Sv.-Vet.-Akad. Förh. 1873(2): 19-50.
Follow-up: J.A. Leffler, Bot. Not. 1873: 114-117, N.J. Scheutz, ib. 1873: 191-192, J.A. Leffler, ib. 1874: 38-39.

10.587. *Öfversigt af Sverges och Norges Rosa-arter* ... (Aftryck ur Botaniska Notiser 1877). Oct.
Publ.: 15 Feb, 1 Apr 1877, p. [1]-20. *Copies*: BR, H. – Reprinted and to be cited from Bot. Not. 1877: 1-14. 15 Feb, 44-51. 1 Apr 1877.
Ref.: H.W.R., Österr. bot. Z. 27: 247. 1 Jul 1877.

10.588. *Observationes rhodologicae* ... Cassel (Verlag von Theodor Fischer) 1883. Oct.
Publ.: Nov 1883 (p. 5: Sep 1883; in journal), p. [1]-5. *Copy*: BR. – Reprinted and to be cited from Bot. Centralbl. 16(6) 187-191. 1883.

10.589. *Plantae vasculares jeniseenses* inter Krasnojarsk urbem et ostium Jenisei fluminis hactenus lectae ... Stockholm (Kongl. Boktryckeriet P.A. Nordstedt & Söner) 1888. Qu. (*Pl. vasc. jenis.*).
Publ.: 1888 (mss submitted 12 Oct 1887; Nat. Nov. Jun(1) 1889), p. [1]-210. *Copies*: BR, G, HH, M, US; IDC 542 (536). – Issued as K. S. Vet.-Akad. Handl. 22(10). 1888.

Schibler, Wilhelm (1861-1931), Swiss botanist; Dr. med. et phil. Bern 1887; from 1890 physician at Davos. (*Schibler*).

HERBARIUM and TYPES: Some material at Z.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 162; Barnhart 3: 224 (b. 9 Jun 1861, d. 18 Nov 1931); BFM no. 1050; BL 2: 575, 714; CSP 18: 511; Rehder 2: 748.

BIOFILE: Suchlandt, O., Jahresber. naturf. Ges. Graubünden 70: xiii-xvi. 1932 (obit., bibl.).
Suchlandt, O. & J. Ferdmann, Ber. Schweiz. bot. Ges. 41(1): 6-7. 1932 (obit.).

10.590. *Beiträge zu einer vergleichend-systematischen Anatomie* des Blattes und Stengels *der*

Boragineen. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde, vorgelegt der hohen philosophischen Fakultät der Universität Bern von Wilhelm Schibler. Bern (Buchdruckerei K.J. Wyss) 1887. Oct. (*Beitr. vergl.-syst. Anat. Borag.*).
Publ.: 1887, p. [1]-65. *Copies*: E (inf. J. Edmondson), G, HH, M. – On p. 65: "vita".

10.591. *Flora von Davos* Verzeichniss der Gefässpflanzen der Landschaft Davos und der angrenzenden Gebiete ... Chur (Bischofberger & Co., ...) 1937. Oct. (*Fl. Davos*).
Preface: Josias Braun-Blanquet (1884-1980); editor: P. Flütsch.
Publ.: 1937 (G rd 8 Jun 1937; US rd 29 Jun 1937; Nat. Nov. Apr 1938), p. [i]-xv, [1]-216. *Copies*: G, M, US. – Issued as Beilage zum Jahresber. naturf. Ges. Graubündens (for 1935/1936) ser. 2. 74, 1937.

Schiede, Christian Julius Wilhelm (1798-1836), German (Hessen) botanist, traveller and plant collector; originally gardener; studied medicine at Göttingen and Berlin; to Mexico 1828 (with F. Deppe); staying there until his death in 1836 exploring Orizaba, Jalapa, Cuautla and Cuernavaca. (*Schiede*).

HERBARIUM and TYPES: B (original set destr.; set ex herb. Baschant extant), HAL (sent to Schlechtendal); further material BM, BR, C, CGE, F, FI, G, GH, GOET, K, KIEL, LE, LZ (destr.) M, MO, NY, OXF, P, S, U, US, W, XAL (photos). – *Letters* to D.F.L von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 516; Barnhart 3: 224 (b. 3 Feb 1798, d. Dec 1836); Biol.-Dokum. 15: 8007; BM 4: 1831; Clokie p. 239; CSP 5: 461, 6: 753, 8: 854; Hegi 6(1): 18; Herder p. 132; Hortus 3: 1203; IH 1 (ed. 6): 364, 2: (files); Kew 4: 621; Langman p. 678; Lasègue p. 332, 468, 505; PR 8177, ed. 1: 9121; Rehder 1: 271, 331; TL-2/1082; Urban-Berl. p. 290, 313, 392; Zander ed. 10, p. 711, ed. 11, p. 812.

BIOFILE: Anon., Flora 9(1): 234. 1826 (will travel "overseas"), 12(1): 94, 175-176. 1829 (with Deppe to Mexico, from Bordeaux Mai 1828; arrived at Veracruz Jul 1828, collected in Jalapa and Orizaba, ..." sind entzückt über die Herrlichkeit der dortigen ... Natur"), 12(2): 494. 1829 (news from Veracruz), 13(1): 45-46. 1830 (trip Jalapa to Orizaba), 14(1): 398. 1831, 15(2): 407. 1832 (coll. rd.), 20(2): 432. 1837 (died of typhus Dec 1936).
Ascherson, P., Fl. Prov. Brandenb. 1: 12. 1864.
Candolle, Alph. de, Phytographie 447. 1880 (coll.).
Hemsley, W.B., Biol. cent.-amer. 4: 123-124. 1887.
Jessen, K.F.W., Bot. Gegenw. Vorzeit. 467. 1864.
Leon, N., Bibl. bot.-mexic. 232-233. 1895 (brief biogr. sketch; b. "Kepecapsel" is Cassel, in Hessen).
Liebmann, F., Mexicos bregner 157. 1848.
Schlechtendal, D.F.L. von, Litteratur-Bericht Linnaea 1830: 214. 1830 (first two sets of Deppe-Schiede plants distr.; third distr. 1831 or 1832).
Schmid, G., Chamisso als Naturforscher 96, 172. 1942.
Schneebeli-Graf, R., ed., Adelbert von Chamisso 34, 258, 264-265, 267, 286, 305. 1983.
Schubert, G., Leben Werk D.F.L. v. Schlechtendal 158, 176. 1964.
Stafleu, F.A., Regnum veg. 71: 299, 320, 321, 339. 1970 (corr. Miq.-Schlechtendal).
Wagenitz, G., Index coll. princ. herb. Gott. 146. 1982.

TRAVEL REPORTS: Schiede, *Botanische Berichte aus Mexico*, in Linnaea 4(2): 205-236. Apr 1829 (Bericht 1, 2), 4(4): 554-583. Oct-Dec 1829 (Bericht 3), 5(3): 463-477. Jul 1830 (Bericht 4), and Hertha 13: 117-121. 1829, Ann. Sci. nat. 18: 215-224. 1829, and Belg. hort. 19: 53-58. 1869.

PUBLICATIONS ON SCHIEDE'S PLANTS by D.F.L. von *Schlechtendal*:
(1) With A. de Chamisso, *Plantarum mexicanarum* a cl. viris Schiede et Deppe collectarum recensio brevis, Linnaea 5: 72-174. Jan 1830, 177-200. Apr 1830, 206-236. Jan 1830, 554-625. Oct 1830, and 6: 22-64. post Mar 1831, 352-384. Jul-Dec 1831, 385-430. Jul-Dec 1831.
(2) *De plantis mexicanis* a G. Schiede ... collectis Linnaea 7: 136-173. Jan-Feb 1832, 380-

400. 1832, 8: 169-192, 245-256. 1833, 513-528. 1834, 9: 262-272. Jul-Dec 1834, 589-610 post Feb 1835, 10: 233-254. Feb-Mar 1836, 11: 249-378. Apr-Mai 1837.
(3) *Arzneimittel aus Mexico*, Linnaea 7: 360-363. 1832.
(4) *De plantis mexicanis* a G. Schiede, Car. Ehrenbergio aliisque collectis, Linnaea 12: 201-210. Mar-Jun 1838, 265-343. Apr-Sep 1838, 556-574. Nov 1838, 13: 260-272. Sep-Oct 1839, 402-436. Oct-Dec 1839, 14: 159-160. 5-11 Jul 1840, 379-384. Oct-Nov 1840, 51-516. Jan-Feb 1841, 15: 458-475. Aug 1841-Jan 1842, 16: 394-400. Aug-Nov 1842, 480-488. Dec 1842, 523-532 Mar 1843, 17: 245-253. Aug-Oct 1843, 625-640. Mai 1844, 745-746. Jan 1844, 18: 48-64. 24-26 Oct 1844.

EPONYMY: *Schiedea* Chamisso et Schlechtendal (1826); *Schiedea* A. Richard (1830); *Schiedeella* Schlechter (1920); *Schiedeophytum* H. Wolff (1911).

10.592. *De plantis hybridis sponte natis* ... Cassellis Cattorum [Kassel] (in commissis Officinae Kriegerianae) 1825. Oct. (*Pl. hybr.*).
Publ.: 1825 (Flora 28 Sep 1825), p. [i-iv], [1]-80. *Copies*: B, G, M, MO, NY, USDA.
Thesis issue: 1825, p. [i-iv], [1]-80. *Copy*: HH. – *De plantis ... natis*, auctoritate amplissimi philosophorum ordinis in Academia Georgia Augusta, pro summis in philosophia honoribus rite obtinendis, ..." Cassellis Cattorum (Typis Orphanotrophei reformatio) 1825. Oct.
Ref.: Anon., Flora 9: 40-44. 1826 (rev.).
Schlechtendal, D.F.L. von, Linnaea 1(1): 127. Jan 1826 (rev.).

Schiedermayr, Karl [Carl] B. (1818-1895), Austrian physician and botanist; Dr. med. Wien 1843; Chir. Dr. ib. 1844; practicing physician at Linz, 1845 and Kirchdorf 1849-1871; regional physician for Kirchdorf and Steyr 1871; id. Linz 1874; "Statthaltereirath" (medical adviser to the government of Upper Austria) 1875; ultimately again at Kirchdorf. (*Schiederm.*).

HERBARIUM and TYPES: LI (cryptogamic herb.); further material at M (lich.), W, WRSL. Contributed to C. Roumeguère et al., *Fungi selecti exsiccati.*

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 224 (b. 3 Nov 1818, d. 29 Oct 1895); BM 4: 1831; Bossert p. 352; CSP 5: 461, 8:854, 11: 306, 12: 656, 18: 511; De Toni 1: cxii ("D.C. Schiedermayr"), 4: xlv; DTS 1: 262-263; GR p. 439; Herder p. 192; Kew 4: 621; LS 23892-23897; Morren ed. 10, p. 32; Nordstedt p.26, 28; PR 8178; Rehder 2: 273; Stevenson 1257; TL-2/see I.S. Poetsch; WU 29: 274-276.

BIOFILE: Anon., Bot. Centralbl. 64: 319. 1895 (d.); Bot. Not. 1896: 44 (d.); Hedwigia 35: (35). 1896 (d.); Jahresber. Ver. Naturk. Österreich ob der Ems, Linz 25: 3-5. 1896 (obit.); Nat. Nov. 17:704. 1895; Österr. bot. Z. 32: 213-217. 1882 (biogr. sketch, portr., bibl., epon.), 45: 446. 1895 (d.).
Kneucker, A., Allg. bot. Z. 1: 240. 1895 (d.).
Sayre, G., Bryologist 80: 517. 1977 (coll. bryoph.).
Wittrock, V.B., Acta Horti Berg. 3(2): 85. 1903.

COMPOSITE WORKS: With I.S. Poetsch, *Syst. Aufz. Krypt.* 1872, see under Poetsch. – Main author of *Syst. Aufz. Krypt. Nachtr.* 1894; see also under Poetsch.

10.593. *Versuch einer Darstellung des Vegetationscharakters der Umgebung von Linz* ... Wien (Bei Wilhelm Braumüller, ...) 1849. Qu.
Publ.: 1849, p. [i], [1]-13. *Copy*: to be cited from Naturw. Abh. ed. W. Haidinger 3(2): 73-85. 1849.

Schiemann, Carl Christianus (1763-1835), German (Kurland) physician; studied medicine at Göttingen 1782-1786; Dr. med. ib. 1786; travelled in Holland and England 1786-1787; practicing physician in Mitau (Kurland) from 1787. (*C. Schiem.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Dryander 3: 510.; PR ed. 1: 9123.

BIOFILE: Welding, O. et al., eds., Deutschbalt. biogr. Lex. 675. 1970 (b. 6 Sep 1763, d. 17 Mar 1835).

10.594. Dissertatio inauguralis medica *de Digitali purpurea.* Quam illustris medicorum ordinis consensu in Academia Georgia Augusta pro summis in medicina honoribus rite consequendis die xv Augusti mdcclxxxvi defendet Carolus Christianus Schiemann curonus. Goettingae [Gottingae] (typis Joannnis Christian. Dieterich) [1786]. Qu. (*Digit. purp.*).
Publ.: 15 Aug 1786, p. [1]-63, [64, theses]. *Copies*: Edinburgh Univ. Libr., NSUB(2).

Schiemann, Elisabeth (1881-1972), German (Baltic-German) botanist; Dr. phil. Berlin 1912; worked with E. Baur in the Genetics Institute, Friedrichshagen 1914-1931; habil. Agricultural University Berlin 1924; unofficially associated with the Botanical Museum Berlin-Dahlem from 1928-1972; extra-ordinary professor at the Agricultural-Veterinary faculty of the University of Berlin 1931-1940; from 1936 lecturing on biology and reproduction; discharged for political reasons 1940; re-instated 1945; professor of genetics at the Wilh. von Humboldt Univ. 1946, with the Deutsche Forschungshochschule, Berlin-Dahlem 1949-1952, with Max Planckgesellschaft 1952-1956; leading authority on the history of cultivated plants. (*E. Schiem.*).

HERBARIUM and TYPES: Museum material in B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 224 (15 Aug 1881); BFM 2978, 2979; Biol. Dokum. 15: 8010-8012; BJI 2: 154; Bossert p. 352; Hirsch p. 263; Kew 4: 621-622; MW p. 434.

BIOFILE: Anon., Österr. bot. Z. 74: 248. 1925 (habil. Berlin), 85: 160. 1936 (lecturing assignment); Der Tagesspiegel 31 Jan 1962 (Dr. h.c. T.U. Berlin), 15 Aug 1971 (90th birthday), 9 Jan 1972 (d.).
Asen, J. Gesamtverz. Lehrkörp. Univ. Berlin 1: 170. 1955 (professorship suspended 6 Apr 1940).
Becker, K. & E. Schuhmacher, S.B. Ges. naturf. Fr. Berlin ser. 2. 13(2): 147. 1973 (publ. in S.B.).
Butenandt, A., Frankf. Allg. Zeit. 12 Jun 1972 (tribute on behalf of Max-Planck-Gesellschaft) .
Hertwig, P., Z. Pflanzenzücht. 36(2): 129-132. 1956 (75th birthday, portr.).
Hoffmann, J. et al., Wiss. Z. Humb. Univ. Berlin, Math.-Nat. 14: 811. 1965.
Kölbel, H. et al., Ernennung von Frau Professor Dr. phil. Elisabeth Schiemann zum Doktor der Landbauwissenschaft Ehren halber der Technischen Universität Berlin 30 Jan 1962, 22 p., Akademische Reden Technische Univ. Berlin no. 17.
Kuckuck, H., Der Züchter 31(4): 117-118. 1961 (80th birthday); Ber. deut. bot. Ges. 93: 517-537. 1980 (biogr., portr., publ.).
Linnert, G., Z. f. Pflanzenzücht. 68(2): 171-172. 1972 (obit., portr.).
Oberschelp, R., ed., Gesamtverz. deut. Schriftt. 113: 515-516. 1980.
Schiemann, E., *in* Studium berolinense Berlin 1960, p. 845-856 ("Erinnerung an meine Berliner Universitätsjahre").
Stubbe, H., Der Züchter 21(7-8): 193-195. 1951 (70th birthday, portr.).
Verdoorn, F., ed., Chron. bot. 1: 131. 1935, 2: 30. 1936, 3: 121-122. 1937, 5: 163-164. 1939, 6: 304. 1941.
Welding, O. et al., Deutschbalt. biogr. Lex. 676-677 (sub Th. Schiemann) 1970 (further biogr. refs.).

10.595. *Zur Genetik des Sommer- und Wintertypus bei Gerste.* Als Habilitationsschrift zur Erlangung der venia legendi dem Senat der Landwirthschaftlichen Hochschule zu Berlin vorgelegt ... Leipzig (Verlag von Gebrüder Borntraeger) 1925. Oct.
Publ.: Mar 1924, cover-t.p., p. [139]-209. *Copy*: B. – Reprinted or preprinted from Z. indukt. Abst. Vererb.-Lehre 37: 139-209. 1925.

10.596. *Geschlechts- und Artkreuzungsfragen bei Fragaria* ... Jena (Verlag von Gustaf Fischer) 1931. Oct. (*Geschl.-Frag. Fragaria*).
Publ.: 1931, p. [1]-112, *pl. 1-8. Copies*: B, BR, G, GOET, H, M, US. – Bot. Abh., ed. K. Goebel, 18, 1931.
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Schiffner, Victor Félix (1862-1944), Bohemian-born Austrian botanist; Dr. phil. Praha 1886; assistant with M. Willkomm and R. v. Wettstein at the Botanical Institute of the German University Prag (Praha) 1884-1896, and lecturer in systematic botany ib. 1888-1896; extra-ordinary professor of botany ib. 1896-1902; at Buitenzorg (Bogor, Java) 1893-1894; extra-ord. prof. of systematic botany ib. 1896-1902; in Brazil (with R. v. Wettstein) 1901; extra-ord. prof. of systematic botany at the university of Wien 1902-1904; regular professor 1904-1932; outstanding hepaticologist. (*Schiffn.*).

HERBARIUM and TYPES: FH (rd 1931; hepatic coll., 19.200 specimens, see C. Neuhauser 1973 for index); B (extant; hepatics and algae acquired after 1931, see Pilger 1947). – Other material at A, AAU, BM, BP, BR, C, CERN, CU, DBN, DPU, E, GH, GOET, H (large coll.), IB, IBF, JE, KIEL, L, LD, M, MANCH, MICH, MO, NMW, NY, PR, PRC (early), S, STU, W (2000, through Baumgartner, many types), WRSL, WU (Brazil).
Hepaticae europeae exsiccatae: ser. 1-29, nos. 1-1465, Wien 1901-1943 (details see Sayre 1971), sets at AAU, BM, BR, C, CERN, CU, E, FH, FR, G, GJO, H (compl.), IBF, KIEL, LD, M, MANCH, NY, PC, PL, S, STU, W, WRSL, WU.
Other exsiccatae: Schiffner issued various other sets of exsiccatae, e.g.:
Iter indicum 1893/1894, plantae exsiccatae indicae, ser. 1-2, 1897 (see E. Bauer, Bot. Centralbl. 72: 421-422. 1897, 78: 268-269. 1899 and Sayre (1975). Set at FH.
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Contributed to E. Bauer, Bryotheca bohemica and to A. Kerner, *Flora exsiccata austro-hungarica.*

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 225 (b. 10 Aug 1862); Biol.-Doum. 15: 8016-8017; BJI 1: 51, 2: 102; BL 1: 243, 317; BM 4: 1832, 8: 1156; Bossert p. 352 (d. 1 Dec 1944); Christiansen p. 129, 167; CSP 18: 517; DTS 1: 263, 5: lii-liii; Futak-Domin p. 524-525; GR p. 439-440; GR cat. p. 71; Hirsch p. 263; Hortus 3: 1203; IH 1 (ed. 6): 364; 38903, suppl. 24615-24625; Kelly p. 207 Kew 4: 622; Klásterský p. 165; LS 23902-23903, 38903, suppl. 24615-24525; Maiwald p. 283 (index); Moebius p. 123, 124; Morren ed. 10, p. 33; MW p. 434; MW suppl. p. 308; SBC p. 131; SK 1: 467-468 (portr., itin. coll.), 4: cxxv, 5: cccxviii, 8: lxxxvi; TL-2/1705, 2865; see H.W. Arnell, E. Bauer, K. Müller frib.; Tucker 1: 629,3: 271; Urban-Berl. p. 313, 392; Zander ed. 10, p. 711, ed. 11, p. 812 (d. 1 Dec 1944).

BIOFILE: Anon., Bot. Centralbl. 53: 271. 1893 (corr. member Cherbourg), 66: 335. 1896 (professor at Praha), 85: 352. 1901 (trip to Brazil); Österr. bot. Z. 44: 119. 1894 (Buitenzorg), 46: 199. 1896 (app. Prag), 51: 407. 1901 (app. Wien); Bot. Jahrb. 22

(Beibl. 55): 11. 1896 (prof. Praha), 31 (Beibl. 70): 29. 1902 (prof. Wien), 37 (Beibl. 84): 1906 (regular prof. Wien); Brit. Mus. gen. cat. print. books 214: 665; Hedwigia 35: (96), (126). 1896 (e.o. prof. Prag), 39: (223). 1900 (to Brazil), 41: (51). 1902 (app. München [err. or did not materialize]), 41: (143). 1902 (app. Wien, not München), 45: (39). 1906 (trip to Corsica), 73: (200). 1933 (retirement); Nat. Nov. 18: 244. 1896 (prof. Praha), 23: 451. 1901 (app. Wien), 24: 236. 1902 (app. München [erroneous or did not materialize]), 26: 574. 1904 (regular prof. Wien); Richard Wettstein zum 60. Geburtstag, Wien 1923, p. 7; Bryologist 36: 48. 1933 (FH acquired Schiffner herb.).

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17: 1931 (U rd 24 Mar 1912),cover-t.p., p. [1]-22. Id.

18: 1933, cover-t.p., p. [1]-25. Privately published "Druck von Ferdinand Berger, Horn, N.Ö."

19: 1934, cover-t.p., p. [1]-28. Id.

20: 1935, cover-t.p., p. [1]-25. Id.

21: 1936, cover-t.p., p. [1]-24. Id.

22: 1937, cover-t.p., p. [1]-30. Id.

23: *01* 1938 (Hedwigia 10 Jan 1940), cover-t.p., p. [1]-24. Privately published "Druck von Ferdinand Berger, Horn, N.D."

24: 1939, cover-t.p., p. [1]-28. Id.

25: 1940, cover-t.p., p. [1]-22. Id.

26: 1941, cover-t.p., p. [1]-24. Id.

27: 1941, cover-t.p., p. [1]-24. Id.

28: 1942, cover-t.p., p. [1]-31. Id.

29: 1943, p. [1]-32. Id.

Hepaticae europaeae exsiccatae, deren Plan, Ausführung und Inhalt von V. Schiffner, p. [i], [1]-30. Qu. *Copy*: B. – Date unknown.

10.627. *Untersuchungen über Mörckia flotowiana* und das Verhältniss der Gattungen Mörckia Gott. und Calycularia Mitt. zu einander. [Oesterr. bot. Z. 1901(2)]. Oct.

Publ.: Feb 1901 (Nat. Nov. Nov(2) 1901), p. [1]-11. *Copies*: G, H. – Reprinted and to be cited from Österr. bot. Z. 51(2): 41-51. 1901.

10.628. *Einige Untersuchungen über die Gattung Makinoa* ... Separat-Abdruck aus der "Oesterreichischen botanischen Zeitschrift". Jahrg. 1901. Nr. 3.

Publ.: Mar 1901, p. [1]-8. *pl. 2* (uncol. lith. auct.). *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 51: 82-89, *pl. 2*. 1901.

10.629. *Ein Beitrag zur Flora von Madeira*, Teneriffa und Gran-Canaria. [Österr. bot. Z. 1901. Nr. 4]. Oct.
Publ.: Apr 1901, p. [1]-14. *Copies*: B, G, H. – Reprinted and to be cited from Österr. bot. Z. 51(4): 113-125. Apr 1901.

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10.632. *Bryologische Fragmente* (Separat-Abdruck aus der "Oesterreichischen botanischen Zeitschrift", Jahrg. 1904. Nr. 2. [-1910. Nr. 11]). Oct.
Publ.: a series of 78 brief articles and notices published in Österr. bot. Z. 1904-1910; reprinted in groups of *Fragmente* with independent pagination: (*Copies* of reprints: B, G, H). To be cited from journal.
1-3: Feb 1904, p. [1]-7; ÖbZ 54: 52-58. Feb 1904.
4-5: Mar 1904, p. [1]-3; id. 54: 102-104. Mar 1904.
6-11: Apr 1904, p. [1]-6; id. 54: 128-134. Apr 1904.
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15-17: Aug 1904, p. [1]-3; id. 54: 292-294. Aug 1904.
18-22: Jan 1905, p. [1]-7; id. 55: 6-13. Jan 1905.
23-26: Aug 1905, p. [1]-8; id. 55: 289-295. Aug 1905.
27-33: Jan 1906, p. [1]-8; id. 56: 20-27. Jan 1906.
34-37: Feb-Mar 1907, p. [1]-6; id. 57: 48-51. Feb, 84-91. Mar 1907.
38-42: Dec 1907, p. [1]-5; 57: 454-458. Dec 1907.
43-48: Jan 1908, p. [1]-6; id. 58: 8-12. Jan 1908.
49-52: Oct 1908, p. [1]-6; id. 58: 377-382. Oct 1908.
53-57: Mar 1909, p. [1]-5; id. 59: 84-89. Mar 1909.
58-61 (err. "xli"): Jul 1910, p. [1]-4; id. 60: 271-275. Jul 1910.
62-65: Nov 1910, p. [1]-6; id. 60: 431-436. Nov 1910.
66-71: Jan 1912, p [1]-7; id. 62: 8-51. Jan 1912.
72-73: Mai 1912, p. [1]-4; id. 62: 159-162. Mai 1912.
75-78: Nov 1913, p. [1]-4; id. 63: 453-456. Nov 1913.

10.633. *Ergebnisse der bryologischen Excursionen in Nord-Böhmen* und im Riesengebirge im Sommer 1904. Sonderabdruck aus den Sitzungsberichten des deutschen naturw.-medicin. Vereines für Böhmen "Lotos" 1905, Nr. 1.
Publ.: Jan-Feb 1905, p. [1]-42. *Copy*: B. – Reprinted and to be cited from Lotos 53(1): 12-53. Jan-Feb 1905.

10.634. *Eine neue europäische Art der Gattung Lophozia* ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift". Jahrg. 1905, Nr. 2.
Publ.: Feb 1905, p. [1]-4. *Copy*: B. – Reprinted and to be cited from Öster. bot. Z. 55: 47-50. Feb 1905.

10.635. *Exkursion in das österreichische Küstenland* ... Wien (Im Selbstverlage des Organisations-Komitees ...) 1905. Oct. (*Exkurs. österr. Küstenl.*).
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Co-author: Julius Baumgartner (1870-?).
Publ.: Apr 1904, p. [1]-5. *Copy*: B. – Reprinted and to be cited from Osterr. bot. Z. 56: 154-158. Apr 1906.

10.637. *Bemerkungen über Riccardia major* S.O. Lindberg [Österr. bot. Z. 1906, Nr. 5/6]. Oct.
Publ.: Mai-Jun 1906, p. [1]-5. *Copies*: B, G. – Reprinted and to be cited from Österr. bot. Z. 56: 169-174. Mai-Jun 1906.

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Publ.: Apr 1909, p. [1]-10. *Copies*: B, G. – Reprinted with special cover-t.p. and to be cited from Magy. bot. Lap. 8(1-4): 24-33. 1909.
ii. Beitrag: Dec 1910, p. 1-8. *Copies*: B, G. – Idem 9(10-12): 313-320. 1910. – "Lebermoose aus Ungarn".
iii. Beitrag: Oct 1911, p. 1-13. *Copies*: B, G. – Idem 10(8-10): 279-291. 1911. – "Lebermoose aus Ungarn und Galizien".
iv. Beitrag: Dec 1915, p. [1]-8. *Copy*: B. – Idem 13(10-12): 302-309. 1915.

10.642. *Über eine neue Art der Gattung Frullania* aus Mitteleuropa ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift". Jahrg. 1909, Nr. 12. Oct.
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Publ.: 1909 (printer's mark on p. [4]), p. [1-4]. *Copies*: BR, FAS. – Proposes nomina conservanda in hepatics; aims at eliminating "Jungermania" and wants to regard as "not published" each new species published under a generic name not included in the list to be adopted at Brussels.

10.644. *Über die Gattungen Chiloscyphus* and Heteroscyphus n. gen. ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift". Jahrg. 1910, Nr. 5. Oct.
Publ.: Mai 1910, p. [1]-5. *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 60: 169-173. Mai 1910.

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Publ.: Sep 1911, p. [1]-7. *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 61: 325-332. Sep 1911.

10.648. *Phylogenetische Studien über die Gattung Monoclea* ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift". Jahrg. 1913, Nr. 1, 2, 3 u. 4. Oct.
Publ.: Jan-Apr 1913 (in journal), p. [1]-23. *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 63: 29-33. Jun, 75-81. Feb, 113-121. Mar, 154-159. Apr 1913.

10.649. *Über einige kritische Arten der Gattung Radula* ... Separatabdruck aus der "Österreichische botanischen Zeitschrift". Jahrg. 1913, Nr. 11, S. 441-445. Oct.
Publ.: Nov 1913, p. [1]-5. *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 63: 441-445. Nov 1913.

10.650. *Zur Pilzflora von Tirol* [Naturw. med. Verein Innsbruck 1913]. Oct.
Publ.: 1913 (Nat. Nov. Feb(2) 1914), p. [1]-51. *Copy*: FH. – Reprinted and to be cited from Ber. naturw. Ver. Innsbruck 34: 1-51. 1913.

10.651. *Die von J. Dörfler im Jahre 1904 auf Kreta gesammelten Moose* ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift". Jahrg. 1915, Nr. 1, S. 1-12. Oct.
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10.652. *Hepaticae Baumgartnerianae dalmaticae* I. Serie ... Separatabdruck aus der "Österreichischen botanischen Zeitschrift". Jahrg. 1916, Nr. 1-2, S. 1-21. Oct.
Collector: Julius Baumgartner (1870-?).
Publ.: Jan-Feb 1926, p. [1]-21. *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 66: 1-21. Jan-Feb 1916. – Series 2. ib. 6: 337-353. Oct-Dec 1916, 3: ib. 67: 147-156. Apr-Mai 1918.

Schilberszky, Károly (1863-1935), Hungarian botanist; Dr. phil. Budapest, 1893; assistant at the Seed Control Station Budapest 1887; subsequently assistant at the Botanical Institute of the University of Budapest; until 1894 professor of botany and phytopathology at the Budapest Horticultural School (later: college) 1894; habil. Univ. Budapest 1904; asst. professor at the Faculty of Philosophy, Univ. Sci. Budapest 1904, id. at the Technical University 1911 and at the Agronomical Faculty 1923, full professor 1926. (*Schilberszky*).

HERBARIUM and TYPES: BP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 225; Biol.-Dokum. 15: 8017-8018; BM 4: 1832; Bossert p. 352 (b. 26 Nov 1863, d. 10 Nov 1934); CSP 18: 517-518 (bibl.); De Toni 4: l; Futak-Domin p. 525; GR p. 660; LS 23906-23913, 38905-38913, 41711, suppl.24629-24653; Rehder 5: 767; Stevenson p. 1257.

BIOFILE: Anon., Bot. Centralbl. 60: 288. 1894 (prof. bot.), 96: 80. 1904 (habil. Univ. Budapest); Hedwigia 43: (126). 1904 (habil. Univ. Budapest), 52: (155). 1912 (habil. Budapest Polytechnic); Österr. bot. Z. 37: 410. 1887 (Seed Control Station), 44: 479. 1894 (prof. bot.).
Husz, B., Bot. Közlem. 35: 11-21. 1938 (obit., bibl., portr.).
Sayre, G., Bryologist 80: 517. 1977.
Ubriszy, G., Acta phytopath. Acad. Sci. Hung. 1: 5-10. 1966 (biogr., portr.).
Verdoorn, F., ed., Chron. bot. 2: 200, 201. 1936 (d. obit., portr., d. 10 Sep 1934).
Verseghy, K., Feddes Repert. 68(1): 125. 1963.

10.653. *Hazslinsky* frigyes, *Magyarország mohflórája*. A nemek, fajok és synomymok jegyzéke ... Budapest (Kiadja a K.M. Temészeffudoményi Társulat) 1892. Oct. (*Hazsl. Magyarorsz. mohfl.*).
Publ.: 1892 (p. 2: 7 Mai 1892), p. [1]-23. *Copy*: B. – An index to the species names and synonyms in F.A. Hazslinsky, *A magyar birodalom moh-flórája* 1885, TL-2/2511.

Schildknecht, J. (*fl.* 1863), German botanist; high school teacher at Freiburg i. Br. (*Schildknecht*).

HERBARIUM and TYPES: KR.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1832; PR 8182; Rehder 1: 385, 5: xix.

10.654. *Nachtrag zu Spenners Flora friburgensis*, Freiburg i. B. (Friedrich Wagner'sche Buchdruckerei) [1862]. Oct. (*Nachtr. Spenner Fl. frib.*).
Publ.: 1862 (p. vi: Jul 1862), p. [i]-vi, [1]-62. *Copies*: HH, NY. – Beilage zum Programm der höhern Bürgerschule Freiburg Schuljahr 1861/62. – For Spenner, *Fl. frib.* 1825-1829 see Fridolin Carl Leopold Spenner (1798-1841).

10.655. *Führer durch die Flora von Freiburg.* Verzeichniss der im ihrem Gebiete wildwachsenden Gefässpflanzen mit Angabe ihrer Standpunkte und Blüthezeit, zum Gebrauche auf botanischen Excursionen ... Freiburg (Friedrich Wagner'sche Buchhhandlung) 1863. Oct. (*Führer Fl. Freiburg*).
Preface: Heinrich Anton de Bary (1831-1888).
Publ.: Apr-Jun 1863 (p. vi, xvi: Mar 1863; Bot. Zeit. 3 Jul 1863; Flora 24 Jun 1863; ÖbZ 1 Sep 1863), p. [i]-xvi, [1]-206. *Copy*: NY.
Ed. 2: 1870, p. [i]-xvi, [1]-206. *Copy*: HH. – Freiburg (ib.) 1870, re-issue.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 21: 214-215. 1863 (rev.).

Schiller, Eduard (*fl.* 1886), German physician and botanist at Breslau. (*E. Schiller*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 3: 619; Tucker 1: 629.

10.656. *Grundzüge der Cacteenkunde* ... Breslau (Im Selbstverlage des Verfassers) 1886. Oct. (*Grundz. Cacteenk.*).
Publ.: 1886 (ÖbZ 1 Oct 1886; Bot. Zeit. 17 Sep 1886; Nat. Nov. Sep(2) 1886), p. [i]-iv, [1]-123. *Copies*: G, HH, MO.
Ref.: Freyn, J.F., Bot. Centralbl. 30: 49-50. 1887 (rev.).

Schiller, Josef (1877-1960), Bohemian-born Austrian hydrobiologist and algologist; Dr. phil. Wien 1905; botanical assistant at the Triest zoological station 1905-1910; high school teacher ib. 1909; high school teacher in Wien from 1911, continuing his participation in the Austrian research of the Adriatic with the "Najade"; habil. Wien 1917; lecturer in botanical hydrobiology at the University of Wien from 1918, from 1927 with the title of extraordinary professor; gave practical hydrobiological courses also at Helgoland (1925-1930), Ragusa (Dubrovnik) 1926, Spolato (Split) 1928, and Rovigno d'Istria 1937. Retired officially ca. 1938, continuing his algological research. (*J. Schiller*).

HERBARIUM and TYPES: Material at BM, NY, PC.
Exsiccatae: *Algae adriaticae exsiccatae* herausgegeben von der k.k. zoologischen Station in Triest, cent. 1, fasc. 1-30, 1910.
Hydrobiologische Präparate: Mitteleuropäisches Winter-Heloplankton, ser. i, Leipzig 1925-1926; see e.g. Herbarium 69: 201-202. 1924.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 225 (b. 16 Jun 1877); BJI 2: 154; Christiansen p. 177; Roon p. 100; Tucker 1: 629(?).

BIOFILE: Anon., Österr. bot. Z. 59: 327. 1909 (high school teacher at the k.k. Staats-Oberrealschule, Triest, 60: 407. 1910 (resigns assistantship zool.-sta. Trieste), 61: 407. 1911 (appointed at Staatsgymnasium Wien-Meidling), 67: 42. 1918 (habil. Wien); Richard Wettstein zum sechzigsten Geburtstag 1923, p. 5 and 7 (signature; teacher with R. Wettstein).
Janchen, E., Richard Wettstein 186. 1933 (brief biogr. details).

Kamptner, E., Verh. zool.-bot. Ges. Wien 100: 11-13. 1960 (obit., d. 10 Jul 1960).
Kneucker, A., Allg. bot. bot. Z., 15: 148. 1909 (app. high school Triest), 33: 64. 1928 (extra-ordinary prof.).
Schiller, J., Naturwissenschaften 4: 277-283. 1916. "Der derzeitige Stand unserer Kenntniss der Coccolithophoriden".
VanLandingham, S.L., Cat. Diat. 4: 2368. 1971.
Wawrik, F., Rev. algol. ser. 2. 5(4): 227-235. 1961 (obit., portr., bibl.).

COMPOSITE WORKS: (1) Contributed to Rabenhorst, *Krypt.-Fl.* ed. 2 (q.v.):
(a) *Coccolithineae*, *in* 10(2): 89-268. 1931; rev. O.C. Schmidt, Hedwigia 71: (8)-(9). Aug 1931.
(b) *Dinoflagellatae* (*Peridineae*), *in* 10(3)(1): [ii-iv], [1]-617. 1931-1933, 10(3)(2): [ii]-vii, [1]-589, [590], 1933-1937; see O.C. Schmidt, Hedwigia 72: (13). Apr 1932 (rev. Lief. 1), 73: (10)-(11). 30 Mar 1933 (rev. Lief. 2-3), 75: (87). 1936 (part 2, Lief. 1-2), 77: (13). 15 Oct 1937 (i. Lief. 3-4).
(2) *Rhodophyta*, *in* A. Pascher, *Süssw.-Fl. Deutschl.* 11: 157-206. Jun-Jul 1925.
(3) *Über Kultur und Methodik beim Studium der Meerespflanzen* in E. Abderhalden, ed., Handb. biol. Arbeitsmeth. 9(5): 181-309. 1928.

EPONYMY: *Schilleriella* A. Pascher (1932); *Schillerochloris* Ruinen (1938); *Schilleriomonas* T.V. Desikachary (1976); *Note*: *Schilleria* Kunth (1840) commemorates the German poet Schiller; the etymology of *Schillera* H.G.L. Reichenbach (1828) was not given.

Schiller, Sigismund (1847-1920), Austro-Hungarian botanist and journalist; from 1881-1884 at Presburg (Bratislava, now Czecho-Slovakia); later editor of the "Pester Lloyd" at Budapest. (*S. Schiller*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 225 (d. 14 Sep 1920); CSP 5: 465 (? paper by "Sigismund Schiller"), 8: 857; Futak-Domin p. 525.

BIOFILE: Anon., Österr. bot. Z. 71: 71. 1922 (d. 14 Sep 1920).
Pax, F., Grundz. Pfl.-Verbr. Karpathen 44, 46. 1898 (Veg. Erde 2(1); publ.).

10.657. *Materialien zu einer Flora des Presburger Comitates* Vortrag ... 20 Februar 1884, ... Presburg [Bratislava] (Druck von C.F. Wigand) 1884. Oct.
Publ.: Mar-Mai 1884 (read 20 Feb 1884; ÖbZ 1 Jul 1884; J. Bot. Sep 1884; Bot. Zeit. 27 Jun 1884; Bot. Centralbl. 16-20 Jun 1884), p. [1]-50. *Copy*: G. – Reprinted and to be cited from Verh. Ver. nat. Heilk. Presburg ser. 2. 5: 84-131. 1884.
Ref.: Borbas, V., Bot. Centralbl. 28: 169-170. 8-12 Nov 1886 (rev.).
Sabransky, H., Österr. bot. Z. 34: 262-263. 1 Jul 1884 (rev.).

Schilling, August Jakob (1865-?), German (Hessen) botanist; Dr. phil. Basel 1891; habil. Technical Univ. Darmstadt 1895. (*A. Schilling*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 225 (b. 17 Apr 1865); Biol.-Dokum. 15: 8032; BM 8: 1150; CSP 18: 520; De Toni 4: l; LS 23918; Rehder 2: 373.

BIOFILE: Anon., Bot. Centralbl. 62: 127. 1895 (habil. Darmstadt); Bot. Zeit. 53: 151. 1895 (habil. Darmstadt).

COMPOSITE WORKS: (1) *Dinoflagellatae*, *in* A. Pascher, *Süssw.-Fl. Deutschl.* 3: 1-64. 1913 (Bot. Centralbl. 12 Aug 1913; Nat. Nov. Jun(1) 1913).
(2) J.J. Dillenius, *sein Leben und Wirken*, *in* Virchow und von Holtzendorff, *Samml. gemeinverständl. wiss. Vortr.* ser. 3. 66: 601-632. 1889, see TL-2/1: 655.

EPONYMY: *Schillingia* Schiller (1932).

10.658. *Die Süsswasser-Peridineen.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Facultät der Universität Basel ... Marburg (Universitäts-Buchdruckerei (R. Friedrich)) 1891. Oct. (*Süssw.-Perid.*).
Publ.: 29 Jun 1891 (in journal; diss. Bot. Centralbl. 19 Aug 1861; Nat. Nov. Mar(2) 1892), p. [i-iii], [1]-81, *pl. 1-3* (uncol.). *Copies*: G, U. – Preprinted or reprinted from Flora 74(3): 220-299. 1891. – Preliminary publications Ber. deut. bot. Ges. 9: 199-208. Sep-Dec 1891, and Z. wiss. Mikrosk. 8: 314-323. 1891. See also his *Zusammenstellung der in der Umgebung von München vorkommenden Süsswasser-Peridineen*, Ber. bayer. bot. Ges. 4: 41-42. 1896, and, for the *Technik der Flagellatenforschung*, Z. wiss. Mikroskopie 8: 314-323. 1891.
Ref.: Bucherer (Basel), Bot. Centralbl. 48: 253-256. 3 Dec 1891 (rev.).

Schimert, Johann Peter (*fl.* 1776), Transylvanian botanist; Dr. med. Tyrnau 1776. (*Schimert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR 8187, ed. 1: 9129; Rehder 1: 258; SO 675a.

BIOFILE: Kanitz, A., Bonplandia 10: 312. 1862.

10.659. Joannes Petri Schimert, saxo-transylvani, dissertatio inauguralis medica *de systemate sexuali*, quam authoritate et consensu ... universitatis rectoris, reverendissimi, ac amplissimi domini cancellarii, ... directoris, ... decani, nec non clarissimorum dominorum medicinae professorum, in celeberrima ac regia Universitate Tyrnaviensi pro summis in medicina honoribus publicae disquisitioni submittit. Die mensis sept. anno mdcclxxvi. Tyrnau [Trnava, Nagy Szombat], Slovakia] (Typis tyrnaviensibus, anno ut supra) [1776]. Oct. (*Syst. sex.*).
Publ.: Sep 1776, p. [1]-22. *Copy*: FI.

Schimper, Andreas Franz Wilhelm (1856-1901), German (Alsatian) botanist; son of Wilhelm Philipp Schimper (1808-1880); studied with A. de Bary at the University of Strassburg; Dr. phil. ib. 1878; at the botanical garden of Lyon 1878; with J. Sachs in Würzburg 1879-1880; fellow of John Hopkins University, Baltimore 1880-1882; assistant to E. Strasburger at Bonn 1882; lecturer in physiological botany ib. 1883, extraordinary professor 1886; travelled in the E. United States 1880-1881, the West Indies 1882-1883, Brazil 1886, Ceylon and Java 1889-1890; with the German *Valdivia* expedition ("Deutsche Tiefsee-Expedition") 1898-1899; professor of botany at Basel 1898 (effective 1899)-1901; outstanding physiological plant geographer. (*A. Schimp.*).

HERBARIUM and TYPES: GRA, STU; some bryophytes from the West Indies in E. – Alcohol material was at BAS and BONN (see e.g. Urban 1898). – 16 *letters* to W.G. Farlow at FH.

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BIOFILE: Anon., Bot. Centralbl. 16: 256. 1883 (habil. Bonn), 25: 291. 1886 (extraordinary professor of botany Bonn, curator bot. coll.), 47: 399. 1891 (refused call to Marburg), 75: 399. 1898 (succeeds Klebs at Basel), 88: 31. 1901 (d.); Bot. Jahrb. 7, Beibl. 14: 1. 1886 (e.o. prof. and curator coll. Bonn), 26, Beibl. 26: 4. 1899 (app. Basel), 31, Beibl. 70: 28. 1902 (d.); Bot. Not. 1902: 94. (d.); Bot. Zeit. 39: 131. 1881 (app. Baltimore), 41: 848. 1883 (habil. Bonn), 44: 175. 1886 (extra-ordinary prof. bot. Bonn), 56: 319. 1898 (app. Basel); Nat. Nov. 5: 236. 1883 (habil. Bonn), 20: 474. 1898 (app. Basel), 23: 520. 1901 (d.); Österr. bot. Z. 33: 69. 1883 (with Johow to

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(3) *Rhizophoraceae*, *in* EP, *Nat. Pflanzenfam.* 3(7): 42-48. Jun 1892, 49-56. Apr 1893; reprinted p. [i, recto of 42], 42-56. (*Copy*: G).
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Publ.: 1878 (rev. D.F.L. von Schlechtendal, Bot. Zeit. 37: 45-46. 17 Jan 1879), p. [1]-66, [67]. *Copy*: M.

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Publ.: 1880, p. [1]-27, *pl. 2-3* (uncol. lith.). *Copies*: FH, G, M, US. – Reprinted and to be cited from Abh. naturf. Ges. Halle 15: 21-47. 1882.

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10.665. *Die Wechselbeziehungen zwischen Pflanzen und Ameisen im tropischen Amerika* ... Jena (Gustav Fischer) 1888. Oct. (*Wechselbez. Pfl. Ameis. trop. Amer.*).
Publ.: Mar-Apr 1888 (Bot. Centralbl. 9-20 Apr 1888; Bot. Zeit. 27 Apr 1888; J. Bot. Jun 1888 ; Nat. Nov. Apr(2) 1888), p. [ii-iii], [1]-95, [96], [1, err.], *pl. 1-3* (double uncol. lith. Rose & Schimper). *Copies*: B, BR, FH, H, MO, NY. – Bot. Mitth. Tropen Heft 1, 1888.
Ref.: Engler, A., Bot. Jahrb. 10 (Lit.): 25-26. 9 Oct 1888 (rev.).
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10.666. *Die epiphytische Vegetation Amerikas* ... Jena (Verlag von Gustav Fischer) 1888. Qu. (*Epiph. Veg. Amer.*).
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Publ.: 9 Sep 1890 (p. 18), cover-t.p., p. 1-18. *Copy*: FH. – Reprinted from S.B. k. preuss. Akad. Wiss. Berlin 40: 1045-1062. 1890.
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Ref.: Düll, E., Bot. Zeit. 52: 1-3. 1894 (rev.).

10.670. *Pflanzen-Geographie auf physiologischer Grundlage* ... Jena (Verlag von Gustav Fischer) 1898. Oct. (*Pfl.-Geogr. physiol. Grundl.*).
Ed. [1]: Oct 1898 (p. vi: late Jul 1898; Bot. Centralbl. 23 Nov 1898; ÖbZ for Nov 1898; BSbF session Nov 1898; Bot. Zeit. 16 Dec 1898; J. Bot. Dec 1898; Nat. Nov. Nov(1) 1898), p. [i]-xviii, [1]-876, [877, err.], 4 maps, *5 pl.* and 502 ills. in text or on [64] plates. *Copies*: FH, G, H, HH, M, MO, NY, PH, USDA.
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Ed. 3: Jan 1935 (p. viii: 12 Oct 1934; Bot. Jahrb. 28 Oct 1935; Nat. Nov. Feb 1935). *Copies*: BR, FI, G, H, M, MO, NY, PH, USDA.
1: [i]-xx, [1]-588, fig. 1-198 in text or in plates.
2: [i]-xvi, [589]-1612, [1, err.], 3 maps, figs. 199-614 id. "Dritte neubearbeitete und wesentlich erweiterte Auflage herausgegeben von Dr. F.C. von Faber [Friedrich Carl von Faber, 1880-1954]. Jena (id.) 1935. Oct.
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Facs. ed. Engl. transl.: 1960, p. [i*-iv*], [iii]-xxx, [xxxii], [1]-839, maps 1-4 and plates as in orig. ed. *Copy*: FAS. – Historiae naturalis classica tomus ii, publ. by H.R. Engelmann (J. Cramer) Weinheim, Bergstr. Wheldon & Wesley Ltd., Codicote/Herts., Hafner Publishing Co., New York. – ISBN 3-7682-0901-6.

Schimper, Georg [Heinrich] Wilhelm (1804-1878), German (Baden) botanist and plant collector; brother of Karl Friedrich Schimper; collected for the Esslinger Reiseverein in S. France and Algeria 1831; in Egypt and Arabia 1834-1836; in Abyssinia from 1837; became Abyssinian, married a daughter of Ras Ubies and became governor of the district of Antitscho 1840-1855; living on his collecting from 1855. (*G.W. Schimp.*).

HERBARIUM and TYPES: B (partly extant), and P, PC (later coll., after dissolution of Unio itineraria, went directly to P/PC). – Further material at AWH, BAS, BERN, BHU, BM, BR, BUF, CAL, CAS, CGE, CN, DBN, DPU, E, FI, FT, G, GE, GH, GOET, GRA, GRO, H, HAL, JE, K, KIEL, L, LE, LG, LY, LZ (destr.), M, MICH, MO, MPU, MW, NA, NCY, NY, OXF, P, PC, S, SAM, STU, TCD, TO, TUB, U, UPS, US, VT, W, WAG, WB, WRSL, WU. – Schimper's collections, from Abyssinia, Egypt, Algeria, "Arabia petraea" (NW Arabia), "Arabia felix" (SE and S Arabia) were distributed by the "Esslingen" or "Würtemberger Reiseverein", also called "Unio itineraria". This society was administered by R.F. Hohenacker and E.G. von Steudel. For further details see Baur (1970). Schimper was by far the most important collector for this society. See also Sayre (1969).

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 279-281; AG 2(1): 694, 2(2): 152; Backer p. 516; Barnhart 3: 226 (b. 19 Aug 1804); BM 4: 1833; Clokie p. 239; IH 1 (ed. 6): 364, (ed. 7): (in press), 2: (files); Jackson p. 347; Lasègue p. 583 [index]; PR ed. 1: 9131; Rehder 1: 484; Urban-Berl. p. 268, 290, 313, 392.

BIOFILE: Anon., Belg. hort. 29: 346-348. 1879 (obit.); Bot. Not. 1844: 32, 1880: 29 (d. Oct 1878); Bull. Soc. bot. France 2 (bibl.): 813. 1856 (on mishaps in Abyssinia), 26 (bibl.): 91. 1879 (obit. not.); J. Bot. 17: 160. 1879 (d.); Österr. bot. Z. 18: 233. 1868 (released from captivity in Abyssinia; collections in part to B), 21: 62. 1871 (erroneously reported to have died).
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Hochstetter, C.F. & Steudel, E.G. von, Aufruf und Bitte ... Schimpers Abyssinische Reise betreffend, Esslingen, Jan 1838, 7 p. (*copy*: G; coll.),also in Linnaea 12(1): 112-128. Mar 1838; *in* W.J. Hooker, London J. Bot. 5: 7-9. 1846 (information on his "Abyssinian plants" and his position in Abyssinia; is now ruler of Antitscho county), 8: 284. 1856.
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EPONYMY: *Oreoschimperella* Rauschert (1982); *Schimpera* Steudel et Hochstetter ex Endlicher (1839); *Schimperella* H. Wolff (1927); *Schimperina* van Tieghem (1895).

10.671. Wilhelm Schimper's *Reise nach Algier* in den Jahren 1831 und 1832, oder Beschreibung der Stadt Algier und ihren nächsten Umgebungen, vorzüglich der daselbst wohnenden Völkerschaften, ihrer Lebensart, Sitten und Gebräuche und des gegenwärtigen Zustandes dieser französischen Colonie ... Stuttgart (Verlag der J.B. Metzler'schen Buchhandlung) 1834. Oct. (*Reise Algier*).
Publ.: 1834 (p. vi: 8 Sep 1834), p. [ii]-x, [1]-215, [216, err.]. *Copy*: HH. – Isued as Schr. Würtemb. naturh. Reisever. 1, 1834 (eds. C.F. Hochstetter, E. Steudel).

Schimper, Karl ["Carl"] **Friedrich** (1803-1867), German naturalist, philosopher, poet, botanist and morphologist; originator of the theory of the ice-ages; brother of G.H.W. Schimper; cousin of W.P. Schimper; Dr. phil. München 1829; in München until 1841, later in Zweibrücken and Mannheim; from 1849 in Schwetzingen except for a stay in Jena 1854-1855. (*K.F. Schimp.*).

HERBARIUM and TYPES: Some lichens at M and WRSL; further material at REG. – Manuscripts and other material left by Schimper in the Landessammlungen für Naturkunde, Karlsruhe. On Schimper's herbarium see e.g. Lentz (1890). – A 304 p. manuscript notes by an attendant of Schimper's lectures on botany 1831-1832 at München is at M.

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BIOFILE: Anon., Bonplandia 3: 34. 1855, 6: 51. 1858 (cognomen Leopoldina: Galilei); Bot. Zeit. 26: 32. 1868 (d.); Gartenflora 17(2): 63. 1868 (d.); Österr. bot. Z. 18: 102 (d.), 408 (on posthumous publ.). 1868.
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10.672. *Beschreibung des Symphytum Zeyheri* und seiner zwei deutschen Verwandten der S. bulbosum Schimper und S. tuberosum Jacq. ... Heidelberg (Universitätsbuchhandlung von C.F. Winter) 1835. Oct. (*Beschr. Symphytum Zeyheri*).
Publ.: somewhat before 7 Jun 1835 (Hinrichs 7-13 Jun 1835), p. [1]-119. *pl. 1-6* (uncol. liths. auct.). *Copies*: G, HH, NY. – An unauthorized reprint of the 1829/1830 original publication in Mag. Pharmacie, Geiger, 28: 3-49. Oct. 1829, 29: 1-71. 1830 (French abstract Bull. Sci. nat. 21: 442-445. 1830; see also Flora 13: 272. 1830). Contains a fundamental treatise on phyllotaxis; whether or not the spiritual property of this theory belongs to Schimper or to Alexander Braun has been debated (see A. Braun, 1835 and Mettenius 1882; Mägdefrau 1968). Full title of article in Mag. Pharmacie, Geiger: "*Beschreibung* ... S. tuberosum Jacq. nebst Erläuterungen über die Asperifolien überhaupt, namentlich über deren Blattstellung und Inflorescenz und das Pflanzen-Ei".

10.673. Auszug, Stücke aus dem noch ungedruckten: *Mooslob*, oder die schönsten Geschichte der Moose, alte und neue, in Versen für eine junge Dame zu einer eleganten Moossammlung von Dr. Karl Friedrich Schimper. [p. 16: Mainz, Sep 1857]. Oct. (*Mooslob*).
Publ.: Sep 1857 (p. 16), p. [1]-16. *Copy*: NY. – Explanations on p. 16.

Schimper, Wilhelm Philipp (1808-1880), Alsatian bryologist and palaeontologist;

cousin of Karl Friedrich (1803-1867) and Georg Heinrich Wilhelm (1804-1878) Schimper; father of A.F.W. Schimper; studied philosophy, philology, mathematics and theology at Strasbourg 1826-1832; studied mosses in association with Philipp Bruch 1834-1834; assistant geological section Strasbourg natural history museum 1835; with this institution until 1880, from 1866 as director; Dr. sci. Strasbourg 1848; professor of geology and paleontology at Strasbourg from 1872-1879. (*W. Schimp.*).

HERBARIUM and TYPES: Original moss herbarium at BM (originally K). – A very large collection, including many types, was at B (Urban). – Other material at BUF, C, CGE, DBN, DPU, E, FH, G, GOET, H, HAL, KIEL, L, LIV, M, MANCH (impt. set), BERN, BR, MASS, MPU, MW, NY, OXF, PC, QK, S, STR (Alsatian pl., mosses), TL, W, WRSL. – See Sayre (1975) for various sets of bryophytes issued by Schimper. See J.B. Mougeot (TL-2: 606-607) for *Stirpes cryptogamae vogeso-rhenanae* (Schimper co-editor fasc. 12-15; see also MD p. 185-186, K. Müller (1900) and TL-2/6373). *Letters* to D.F.L. von Schlechtendal at HAL; to W.G. Nylander and to S.O. Lindberg in H-UB.

NAME: Schimper was born 8 Jan 1808 in Dossenheim nr. Saverne, Alsace, Alsatia, then Dépt. du Bas-Rhin, France, the son of the local protestant minister. It is not known to us how Schimper was baptized: "Guillaume Philippe" or as "Wilhelm Philipp". However, Schimper signs himself W.P. Schimper on the t.p. of his 1848 French thesis defended in (then French) Strasbourg (1848).

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(3) Editor and for a major part author of P. Bruch, W.P. Schimper et W.T. von Gümbel, *Bryol. eur.* 1836-1855, 6 vols. TL-2/844 (q.v. for full details). Other *copies* seen by us: BR, NY, USDA. – For a reply by W.P. Schimper to Karl Müller's criticism of the first 20 fascicles see Bot. Zeit. 2: 121-125, 134-139. 1844. – For details on preliminary fascicles as reported by Sayre (1982) see below.
(4) *Palaeophytologie, in* K.A. Zittel, Handbuch der Palaeontologie vol. 2, Lief. 1, p. 1-152. 1879 (first use of term Bryophyta in the modern sense, fide R.M. Schuster, Hep. Anthoc. N. Amer. 1: 95. 1966.).

NOTE: G. Sayre (1982) provides the following details of four preliminary versions of parts of P. Bruch, W.P. Schimper & W.T. von Gümbel, *Bryol. eur.* 1836-1855, 6 vols. TL-2/844 (for full details see Sayre).:

(1) *Fragmens de la bryologie d'Europe* ... Buxbaumiacées. AA. p. [1]-7, *pl. 1-2*. Phascacées. BB. pages [1]-5, Tab. i, ii. CC. Comparaison entre les Phascum alternifolium, Phascum palustre et Phascum subulatum. Pages [1]-4. Tab. A. Mémoires de la Société du Museum d'Histoire naturelle de Strasbourg. Tome second. Paris ... 1835, Publ. 5 Oct 1835.
(2) *Die Laubmoose Europa's in Monographien*, bearbeitet von Bruch und W.P. Schimper. Erste Lieferung. Buxbaumiaceae. Pages [1]-6, Tab. i, ii. Erste Lieferung. Phascaceae. Archidium. pages [1], 2; Tab. i. Bruchia. pages [1], 2. Tab. ii. Voitia. pages [1], 2. Tab. ii. Phascum. Pages [1]-23. Tab. i-vii. [Strasbourg: Gedruckt bei F.G. Levrault], publ. 1835. – See Flora 19(2), Litt. 8: 113-114. 1836. (*Copy*: FH).
(3) *Bryologie d'Europe*, publiée en monographies, par Bruch et W.P. Schimper. Première livraison. – No. 1. Phascum. Pages [1]-23. Tab. i-vii. No. 2. Buxbaumiaceae. Buxbaumia. pages [1]-4. Tab. i, ii. Diphyscium. Pages [1]-3. Tab. ii. Paris. Chez J. Albert Merklein ... 1836, publ. 25 Apr 1836.
(4) *Bryologia europaea* seu genera muscorum europaeorum monographice illustrata auctoribus Bruch et W.P. Schimper. Fasciculus i. Cum tabula xi. Stuttgartiae. E. Schweizerbart. 1837, publ. Apr 1837.

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EPONYMY: *Schimperella* Theriot (1925); *Schimperites* Schleiden (1855); *Schimperobryum* Margadant (1959); *Schimperia* R. Remy et W. Remy (1975).

10.674. *Fragmens de la bryologie d'Europe. Buxbaumiacées* ... [Mém. Soc. Mus. Hist. nat. Strasbourg ... 1835]. Qu.
Co-author: Philipp Bruch (1781-1847), see TL-2/1: 373-379.
Publ.: 1835, p. [1]-7, *pl. 1-2*. *Copy*: NY. – Issued as Mém. Soc. Mus. Hist. nat. Strasbourg 2. 183, with independent pagination.

10.675. *Fragmens de la bryologie d'Europe. Phascacées* ... [Mém. Soc. Mus. Hist. nat. Strasbourg ... 1835]. Qu.
Co-author: Philipp Bruch (1781-1847), see TL-2/1: 373-379.
Publ.: 1835, p. [1]-5, *pl. 1-2*. *Copy*: NY. – Issued as Mém. Soc. Mus. Hist. nat. Strasbourg 2. 1835, with independent pagination.

10.676. *Comparaison* entre les *Phascum alternifolium*, *Phascum palustre et Phascum subulatum*, .,.. [Mém. Soc. Mus. Hist. nat. Strasbourg 2, 1835]. Qu.
Co-author: Philipp Bruch (1781-1847), see TL-2/1: 373-379.
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10.677. *Muscorum chilensium species novas* descripsit W.P. Schimper. [Extrait des Annales des Sciences naturelles. Septembre 1836]. Oct.
Publ.: Sep 1836, p. [1]-3, [4], *pl. 8-11* (uncol. liths. auct.). *Copies*: G, H. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 6: 145-149. Sep 1836.

10.678. *Monographie des plantes fossiles du grès bigarré* de la chaine des Vosges ... Leipzig (chez Guillaume Engelmann, ...) [1840-] 1844. Qu. (*Monogr. pl. foss. grès bigarré*).
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Publ.: 1840-1844 (details not known with certainty: part 1 (or 1-2), at any rate p. 1-36, *pl. 1-18* published 1840 (Hinrichs 21 Sep 1840; Flora "Sommer 1840"; Part 2 (Monocots) came out in the course of 1842 (Flora 28 Dec 1842). The remaining parts were probably published only in 1844, rd by Flora in Jan 1845; however, part "4", Acotyledonées is mentioned by Quart. J. Geol. Soc. London as received Jan-Mar 1847 only. – Parts 1 & 2 contained Coniferae-Cycadaceae and Monocots. The Dicots formed part 3), p. [i-iii], [1]-83, *pl. 1-19*, [*19bis*], *20-23*, *23*[*bis*], *24-29*, *29*[*bis*], *30-40* (col. liths. W.P.S.). *Copies*: G, HH, L, MO, NY, USGS; IDC 5240, 5364.

10.679. *Recherches anatomiques et morphologiques sur les mousses*. Thèse de botanique présentée à la Faculté des Sciences de Strasbourg, et soutenue publiquement le samedi 12

août 1848, à deux heures de l'après-midi, pour obtenir le grade de docteur ès-sciences, ... Strasbourg (Imprimerie de G. Silbermann, ...) 1848. Qu. (*Rech. anat. morph. mouss.*).
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Ref.: Sendtner, O., Flora 31: 657-672. 7 Nov, 673-685. 14 Nov 1848 (extensive rev.).

10.680. *Thedenia*, ett nytt växtslägte, ... Stockholm (tryckt hos Joh. Beckman) 1853. Oct.
Publ.: 1853, p. [1]-7, *1 pl.* (uncol. lith.). *Copies*: H, NY. – Reprinted and to be cited from Bot. Not. 1853: 49-52. Apr-Mai 1853 and [as *Thedenia suecica*] 1853: 66-68. Jun 1853. – The genus *Thedenia* W. Schimp. [non E.M. Fries 1842] was first published by Schimper in Bruch, Schimper & Gümbel, *Bryol. eur.* 5: 83. 1852.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 12: 782. 1854.

10.681. *Rapport* sur un mémoire pour servir á *l'histoire naturelle des sphaignes*, par M.W.P. Schimper, (Commissaires MM. Brongniart, Tulasne, Montagne, rapporteur). Institut de France. Académie des Sciences 1854. Qu.
Author: Jean Pierre François Camille Montagne (1784-1866).
Publ.: shortly after 4-14 Jul 1854, p. [1]-10. *Copies*: G(2), LC. – Reprinted and to be cited from C.R. hebd. Séanc. Acad. Sci., Paris 39: 8-10. 1854. – For publication of the *Mém. hist. nat. sphaignes*, 1857, see below.

10.682. *Corollarium bryologiae europaeae*, conspectum diagnosticum familiarum, generum et specierum, adnotationes novas atque emendationes complectens, scripsit W.Ph. Schimper. Stuttgartiae (sumptibus librariae E. Schweizerbart) 1856. Qu. (*Coroll. bryol. eur.*).
Publ.: 1856 (Flora 21 Nov 1856 as of "1855", prob. err.; Mém. Soc. Sci. nat. Cherbourg 4: 362. 1856 as of 1856; Flora 7 Sep 1856, p. [1]-140, [1, suppl.]. *Copies*: FH, H, HH, MO, Teyler.
Facsimile ed.: 1971, Amsterdam/Vaals (A. Asher & Co. N.V.) *in* facsimile ed. Bruch, Schimper & Gümbel, *Bryol,. eur.* 1971, in vol. 2, p. [1]-140, [1]. *Copy*: FAS.
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10.683. *Mémoire pour servir à l'histoire naturelle des Sphaignes* (Sphagnum L.) ... Paris (Imprimerie impériale) 1857. Qu. (*Mém. hist. nat. Sphaignes*).
Publ.: 1857 (Montagne presents a copy to Soc. bot. Fr. 27 Feb 1857; BM 4: 1833), p. [i, iii], [1]-96, *pl. 1-24* (uncol. liths. auct.). *Copies*: BR, FH, G, MO, NY, U. – Preprinted from Mém. div. Sav. Acad. Sci. 15: 1-67, *pl. 1-24*. 1857 (*copies*: FH, U). – For a discussion see Isoviita (1966)).
Preliminary report on memoir by Brongniart, Tulasne and Montagne, "Rapport sur un mémoire pour servir á l'histoire naturelle des Sphaignes" *in* C.R. Acad. Sci., Paris 39: 8-16. 1854 (séance 3 Jul 1854), see above.
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10.684. *Versuch einer Entwickelungs-Geschichte der Torfmoose* (Sphagnum) und einer Monographie der in Europa vorkommenden Arten dieser Gattung ... Stuttgart (E. Schweizerbart's Verlagshandlung) 1858. Fol. (*Vers. Entw.-Gesch. Torfm.*).
Publ.: 1858 (p. 2: Jan 1858), p. [i-iii], [1]-96, [97, cont.], *pl. 1-27* (27 as "26") (coll. copp. auct.). *Copies*: BR, FH, HH, MO, NY, PH, U, USDA. – German version, with additions (*3 pl.*, 2 species) of *Mém. hist. nat. Sphaignes* (1857), see above.
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Ed. [*1*]: Mar-Apr 1860 (p. v: 15 Feb 1860; ÖbZ 1 Oct 1860; BSbF séance 28 Dec 1860; Bot. Zeit. 3 Aug 1860), p. [i*-vi*], [i]-clix, charts 1-5, [1]-733, [734-735, err.], map, *pl. 1-8* (uncol. liths. auct.). *Copies*: FH, FI, G, H, Patricia Geissler, M, MO-Steere, NY, U; IDC 5004. – Some copies lack the errata on p. [734-735].
Ed. 2: Apr 1876 (for sale 1 Apr 1876, Husnot (1876); just publ. BSbF 6 Oct 1876; Rev. bryol. Mai-Jun 1876; J. Bot. Mai 1876; Bot. Zeit. 16 Apr 1880; Hedwigia Jun 1876). *Copies*: BR, FH, FI, G, H, M, MO, NY, U, USDA. "Editio secunda valde aucta et emendata " Stuttgartiae (id.) 1876. Oct.
1 (*Introductio*): 1876 (p. [iv*]: 20 Feb 1876), p. [i*-vi*], [i]-cxxx, *pl. 1-8* (uncol. liths. C. Fassoli).
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10.686. *Icones morphologicae atque organographicae* introductionem Synopsi muscorum europaeorum praemissam illustrantes. Ad naturam vivam delineavit ex explicavit W.Ph. Schimper ... Stuttgartiae (Sumptibus Librariae E. Schweizerbart) 1860. Qu. (*Icon. morph. organogr.*).
Publ.: Jun-Jul 1860 (Bot. Zeit. 3 Aug 1860), p. [1]-26, *pl. 1-11* (uncol. liths. auct.). *Copies*: BR, FH, G, H, HH, MO-Steere, NY, U.
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J.M., Österr. Bot. Zeit. 10: 410. Dec 1860 (rev.).

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Authorship: partie géologique par J. Koechlin-Schlumberger, partie paléontologique par W.P. Schimper.
Publ.: 1862, p. [i-iv], [1]-348, *pl. 1-13* [*as "18"*], *14-19*, *19*[*bis*], *20*, *20*[*bis*], *21-28*, *30*. – Some plates double, *pl. 10* occupies 4 p. – *Copies*: BR (with above t.p.), NY (t.p. "Mémoire sur le terrain de transition des Vosges", imprint as in BR copy), USGS (as NY copy). – Issued as Mém. Soc. Hist. nat. Strasbourg 5, 1862.

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Fasc. i, ii: 1864 (Flora 21 Dec 1864), cover-t.p., texts for each of the six genera (*Ephemerella-Orthotrichum*) separately paginated: [1]-2, [1]-2, [1]-3, [1]-2, [1]-6, [1]-12, *20 pl.* (uncol. liths. auct.), numbered *1*, *1-2*, *1-2*, *1-5*, *1-10*.
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Schindehütte, G. (*fl.* 1907), German paleobotanist. (*Schindehütte*).

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Schindler, Anton Karl (1879-1964), German (Bremen) botanist; studied in Göttingen, Strassburg, Halle; Dr. phil. Erlangen 1904; professor of natural sciences at the University of Peking 1905-1907, idem Shanghai 1907-1910; high school teacher at Magdeburg and Posen 1910-1916; on active service 1916-1918; teacher in Jüterbog 1918-1925; studied dentistry 1925-1929; practiced in Grossalmerode nr. Kassel 1929-1932; in Döberitz nr. Berlin 1932-1956; fled to Düsseldorf 1956. (*Schindl.*).

HERBARIUM and TYPES: material at BM, E, GRO, K, MANCH, NY, W. – Manuscripts, notes, sketches and photographs concerning *Desmodium* at HH.

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(2) Collaborator, J. Mildbraed, *Wiss. Erg. deut. Zentr.-Afr. Exped. Bot.* 1910-1914, see TL-2/6008.
(3) *Lespedezia, in* C.S. Sargent, *Pl. Wilson.* 2: 105-112. 1914; *Campylotropis, in* id. 2: 113-115. 1914.

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Schindler, Hans (*fl.* 1917-1925), Austrian botanist, assistant, later head inspector at the Vienna Seed-testing Station, later "Bundesanstalt für Pflanzenbau und Samenprüfung". (*H. Schindl.*).

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Preface: Otto Porsch 1875-1959.
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Schinne, Isaac Evert Cornelis van (1741-1819) Dutch botanist at Rotterdam. (*Schinne*).

HERBARIUM and TYPES: Unknown.

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Schinnerl, Martin (1861-1950), German (Bavarian) bryologist and high school teacher at München; librarian Bayer. bot. Ges. 1890-1903; first secretary id. 1903-1905. (*Schinnerl*).

HERBARIUM and TYPES: M.

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Schinz, Christoph Salomon (1764-1847), Swiss physician and botanist at Zürich; Dr. med. Göttingen 1787; practicing physician at Zürich 1787, from 1812-1834 professor of medicine at the Zürich "Carolinum"; later at the university; librarian of the "Naturforschende Gesellschaft, Zürich 1792-1837. (*C.S. Schinz*).

HERBARIUM and TYPES: Unknown.

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Schinz, Hans (1858-1941), Swiss botanist; Dr. phil. Zürich 1883; travelled in southwest Africa 1884-1887; habil. Zürich 1889; in charge of the University botanical garden 1893-1929; extraordinary professor 1895-1929. (*Schinz*).

HERBARIUM and TYPES: Z. – Further material (mostly S.W. Africa, also Fl. Zambesiaca) at B, BM, BREM, C, COI, CORD, E, FR, GB, GE, GRA, K, L, W.

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NOMENCLATURE: H. Schinz & A. Thellung published a series of 11 parts on the nomenclature of Swiss plants in Viertelj.-Schr. naturf. Ges. Zürich (VNZ) and Bull. Herb. Boiss. (BHB) (sets of reprints e.g. at G and US):
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5: VNZ 60: 337-369. 22 Mai 1915.
6: VNZ 61: 414-430. 31 Dec 1926.
7: VNZ 66: 257-317. 1 Jul 1921.
8: VNZ 68: 457-476. 31 Dec 1923.
9: VNZ 69: 172-190. 30 Jun 1924.
10: VNZ 71: 162-177. 30 Jun 1926.
11: VNZ 72: 205-236. 30 Jun 1926.

EPONYMY: *Melioschinzia* K.M. Schumann (1889); *Schinzafra* O. Kuntze (1891); *Schinzia* C.W. Naegeli (1842); *Schinziella* E. Gilg (1895); *Schinzinia* Fayod (1889).

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Publ.: Jun 1891 (p. x: Apr 1891; Nat. Nov. Jul(1) 1891; Th. Durand received his copy at BR 22 Nov 1891), frontisp. (portr. of Adolf Lüderitz), p. [i]-xvi, [1]-568, map, *17 pl.* (18, with frontisp.). *Copies*: BR, HH, NSUB, Enoch Pratt Free Libr. Baltimore; Yale Univ. Libr. – A fascinating travelogue; for references to plants see index.

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Co-author: Eugène John Benjamin Autran (1855-1912), see TL-2: 82.
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Publ.: Papers published in:
BHB – Bull. Herb. Bois. (nos. 1-10, 13-16, 19, 21).
MHB – Mém. Herb. Boiss. (nos. 11, 12).
VNZ – Viertelj.-Schr. naturf. Ges. Zürich (17, 18, 20, 22-33).
Note: the *Neue Folge* refers to the *Beitr. Kenntn. Fl. Deutsch-Südwest-Afrika* no. 1-4, 1887-1890 as the original series.

number	journal	journ. vol./pag.	reprint pag.	*plates*	dates
1	BHB	1: 70-94	[1]-26		Feb 1893
2	BHB	2: 180-228	[27]-75	*2-4*	Mar 1894
3	BHB	3: 373-441	[77]-145	*9-10*	Aug 1895
4	BHB	4: 409-475	[147]-213	*3-6*	Jun 1896
5	BHB	4: 809-846	[215]-252		Dec 1896
6	BHB	5: 854-901	[272, sic]-319		Oct 1897
7	BHB	6: 522-563	[320]-362		Jul 1898
8	BHB	6: 729-751	[363]-385		Sep 1898
9	BHB 6, App.	3: 1-152	[1]-152	*1-14*	Jun 1898
10	BHB	7: 23-65	[387]-428		Jan 1899
11	BHB	7: 869-892	[1]-24		Nov 1899
12	BHB	20: 1-36	[1]-36	*1-2*	15 Oct 1900
13	BHB ser. 2.	1: 757-788,	[1]-32		31 Jul 1901
		853-889,	[33]-69		31 Aug 1901
		973-1000	70-103		30 Sep 1901
14	BHB ser. 2.	2: 934-949,	[1]-16		4 Nov 1902
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		1069-1096	1069-1096		5 Dec 1903
16	BHB ser. 2.	4: 995-1025	995-1025		30 Sep 1904
17	VNZ 49(3/4): 171-196	[171]-196			4 Feb 1905
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19	BHB ser. 2.	6: 701-746	[701]-746		31 Aug 1906
20	VNZ	52(3/4): 419-433	[419]-433		4 Apr 1908
21	BHB ser. 2.	8: 625-640	625-640		31 Aug 1908
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22	VNZ	53(3/4): 485-492	[485]-492		3 Mai 1909
23	VNZ	55(3/4): 233-247	[233]-247		18 Apr 1910
24	VNZ	56(3): 229-268	[229]-268		4 Jan 1912
25	VNZ	57(3/4): 531-562	[531]-562		28 Feb 1913
26	VNZ	60(3/4): 385-422	385-422		31 Mai 1915
27	VNZ	61(3/4): 431-464	[431]-461		15 Oct 1916
28	VNZ	61(3/4): 609-627	[609]-627		31 Dec 1916
29	VNZ	62(3/4): 676-679	[676]-679		31 Dec 1917
30	VNZ	66(3/4): 221-256	[221]-256		15 Oct 1921
31	VNZ	68(3/4): 420-456	[420]-456		28 Nov 1923
32	VNZ	70(3/4): 216-221	[216]-221		15 Sep 1925
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Sets of reprints: *Copies*: BR, G, NY.

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31: F. Kraenzlin, A. Thellung, J. Bär, H. Schinz.
32: E.G. Baker, H. Schinz.
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Co-author: Robert Keller (1854-1939), see TL-2/21: 516.
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Main collaborators: Labiatae, Umbelliferae, Rubiaceae by J. Briquet; *Utriculariaceae* by "Meister" (= Jakob Meister?); *Polygalaceae* by R.H. Chodat; *Alecterolophus* by Jakob von Sterneck (of Trautenau, further details not known); *Gentianaceae*, *Boraginaceae*, *Trifolium*, *Senecio* by Gustav Hegi.

Reviews: Appel (Charlottenburg), Bot. Centralbl. 87: 101-102. 10 Jul 1901; J. Britten, J. Bot. 38: 282. Jul 1900; Ed. Fischer, Bot. Zeit. 58: 325-326. 1 Nov. 1900; A. Kneucker, Allg. bot. Z. 6: 165. 15 Aug 1900.

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2 (*Kritische Flora*): 1914 (p. vii: Jul 1914; ÖbZ Oct 1914; Bot. Centralbl. 10 Nov 1914; Nat. Nov. Oct(1, 2, 3) 1914), p. [i]-xviii, [1]-582. – "Bearbeitet und herausgegeben von ... Hans Schinz, ... Unter Mitwirkung von ... Albert Thellung". – Sic, contrary to ed. 2, vol. 2, Thellung is listed here as collaborator. The previous co-author Keller did *Rosa*, *Rubus*, *Alchemilla*, and *Potentilla*. Albert Thellung (1881-1928) is now the main co-author. – *Name changes* by Schinz & Thellung, published in Viertelj.-Schr. naturf. Ges. Zürich 51: 210-220, 489-501. 1906, Bull. Herb. Boiss. ser. 2. 7 (nos. 2-7). 1907, Viertelj.-Schr. naturf. Ges. Zürich 53(4): 493-593. 1909, 58(1-2): 35-91. 1913.

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Ed. [*1*]: 1902 (p. 26 late Jun 1902), p. [1]-26. *Copy*: USDA. – Reprinted from Schweiz. pädag. Z. 3, 1902 (journal n.v.).

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HERBARIUM and TYPES: Unknown.

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10.722. *Anleitung zu der Pflanzenkenntniss* und derselben nützlichsten Anwendung. Mit

hundert illuminierten Tafeln. Zürich (In Verlag des Waysenhauses) 1774. Fol. (*Anleit. Pfl.-Kenntn.*).
Publ.: 1774 (p. 6: 25 Apr 1774)), p. [1]-129, chart, *pl. 1-46, 47a, 47b* (on verso of *47a*), *48-100*; handcol. wood cuts. *Copy*: G (p. 17-68 missing). NI (1761) notes that the wood cuts were originally prepared for L. Fuchs, *De historia stirpium* (Basel 1542). The old names were removed; new names are printed at the bottom of the plates. The book was printed at the Zürich orphanage and the colouring of the plates was done by the inmates. See also HU 640, and Sotheby 679.

10.723. Salomon Schinz, Med. Dr. *Primae lineae botanicae* ex tabulis phytographicis cl. D. Joannis Gesneri ductae. Turici [Zürich], (apud J. Casparum Fueslinum, filium) 1775. Fol. (*Prim. lin. bot.*).
Publ.: 1775, p. [i-iv], [1]-19, [20, err.], *pl. A-B* (handcol. copp.), chart (expl. pl.). *Copies*: BR, G, M, USDA. – German title on lower part of t.p.: Salomon Schinz, Med. Dr. *Erster Grundriss der Kräuterwissenschaft* aus den characteristischen Pflanzentabellen des Herrn D. Johannes Gessners gezeichnet. Zürich (by Johann Caspar Fuessli, Sohn) 1775. The text and plates are based on the "tabulae phytographicae" which his son Christian Salomon Schinz (1764-1847) published in 1795 and 1804, see TL-2/2003.

Schiønning, Holger Ludvig (1868-1942), Danish mycologist; cand. chem. 1893; assistant at the Carlsberg Laboratory; specialist in the physiology of yeasts. (*Schiønning*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 132, 133, 322, 347; Barnhart 3: 227 (b. 20 Aug 1868); LS 23933-23937, 38923-38925.

BIOFILE: Christensen, C., Danske bot. Litt. 1880-1911: 193-194. 1913 (bibl.), id. 1912-1939: 62. 1940.
Hansen, A., Dansk bot. Ark. 21(1): 70. 1963 (d. 17 Mai 1942).

Schiøtz, Ludvig Theodor (1821-1900), Danish pharmacist and amateur botanist; cand. pharm. 1844; high school teacher at Rödding 1851-1859; brewer at Odense 1859-1900. (*Schiötz*).

HERBARIUM and TYPES: C (ca. 900 nos.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 227 (b. 4 Sep 1821, d. 31 Aug 1900); Christensen p. 28, 42; Christiansen p. 319; CSP 5: 471; Kleppa p. 282; Rehder 4: 344.

BIOFILE: Anon., Bot. 1901: 114 (d.).
Christensen, C., Danske Bot. Litt. 1880-1911: 8. 1913, Danske Bot. Hist. 1: 441, 442 (portr.), 2: 303-304 (bibl.). 1925; Dansk biogr. Leksik. 21: 173. 1941.
E.R., Bot. Tidsskr. 23: xxxvii-xxxviii. 1900 (obit.).
Fischer-Benzon, R.J.D. *in* P. Prahl, Krit. Fl. Schlesw.-Holst. 2: 53. 1890.
Lind, J., Danish fungi herb. Rostrup 38. 1913.
Warming, E., Bot. Tidsskr. 12: 190. 1881 (bibl.).

10.724. *Beretning om en botanisk Reise*, foretaget i Sommeren 1858 i Landskabet mellem Slesvig, Rendsborg og Ekernförde, samt paa Vesterhavs-Öerne Amrom, För og Sild. (Af naturhist. Foren. Vidensk. Meddelelser 1860). Oct.
Publ.: 1860, p. [1]-52. *Copy*: G. – Reprinted and to be cited from Meddel. naturh. For., Kiöbenhavn 1860: 117-168.

Schipp, William August (1891-1967), Australian-born explorer and plant collector; collected in N. Australia, New Guinea and Java; via San Francisco to British Honduras 1929; collected in British Honduras 1929-1935; returned to Australia because of failing health, living ultimately in New South Wales. (*Schipp*).

HERBARIUM and TYPES: Collections from British Honduras in many herbaria, for full

details see R.M. Lowden (1970). The most complete set (1934 specimens) is at F, other large sets at BM (1498), BRH (1462), K (1166), UC (1066); other sets at A, AMES, B, BKL, BM, E, G, GH, K, L, LCU, MICH, MO, NY, PH, S, UC, US, Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 227; Hortus 3: 1203; HR; Kew 4: 626; SK 8: lxxxvi.

BIOFILE: Lowden, R.M., Taxon 19: 831-861. 1970 (major treatment of S.'s botanical exploration in the Stan Creek and Toledo Districts, British Honduras; many secondary references, based in part on letters at GH, F, K, MICH and UC).
Schipp, J.M., letter to R.M. Lowden Sep 1969 (returned to Australia from Honduras).
Verdoorn, F., ed., Chron. bot. 1: 287, 347, 384. 1935, 3: 241, 310. 1937.

EPONYMY: *Schippia* Burret (1933).

10.725. *Flora of British Honduras.* Price list of seeds and herbarium material from William A. Schipp. Stann Creek British Honduras Anno 1933-34. (*Fl. Brit. Hond.*).
Publ.: 1934 (copy at E rd 12 Nov 1934), p. [i], 1-69 (mimeogr.). *Copies*: E, G, HH, NY, USDA. – Some copies have various plant specimens on separate pages.

Schischkin, Boris Konstantinovich (1886-1963), Russian botanist; studied at the medical faculty of the University of Tomsk 1906-1911, on botanical trips in East Kazakhstan 1912-1914; served on the Turkish front in World War I, studying the flora of Armenia; from 1918-1924 botanist at the Herbarium of Georgia, Tiflis; from 1925-1931 professor of botany at Tomsk University; from 1931-1963 at the Botanical Museum (later incorporated in the Komarov Botanical institute), Leningrad; from 1938-1949 as director; professor of botany at Leningrad University 1945-1958; head of the Department of Systematics and Plant Geography of the Komarov Botanical Institute 1945-1963. (*Schischkin*).

HERBARIUM and TYPES: LE, TK and VLA; other material BM, C, DAO, E, G, GH, M (lich.), NY. – *Exsiccatae*: *Plantae orientalis exsiccatae* 1924-1928, 16 fasc., with A.A. Grossheim. Set e.g. at Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 228; BJI 2: 154; Bossert p. 353 (b. 1 Mai 1886, d. 21 Mar 1963); Hirsch p. 263; Hortus 3: 1204; Kew 4: 626-627; Lipschitz p. 229 [index]; MW p. 435-436; Roon p. 103; TL-2/3857; Zander ed. 10, p. 711-712, ed. 2, p. 812.

BIOFILE: Asmous, V.C., Chron. bot. 11(2): 109. 1947 (Fontes hist. bot. ross.).
Bobrov, E.G., Taxon 12(8): 273-276. 1963 (obit.).
Gager, CS., Brookl. Bot. Gard. Rec. 27(3): 345. 1938 (dir. bot. gard. from 1937).
Linczevski, I.A., Sovietskaja botanica 14(5): 343-348. 1946 (bibl.); Novit. syst. pl. vasc. 1966: 316-330 (bibl. notes *Fl. URSS*).
Shetler, S.G., The Komarov Botanical Institute 235 [index]. 1967.
Stafleu, F.A., Taxon 12: 169. 1963 (d.).
Verdoorn, F., ed., Chron. bot. 1: 274. 1935, 2: 283. 1936, 3: 254. 1937, 5: 269. 1939.

COMPOSITE WORKS: (1) Co-editor with V.L. Komarov of Fl. USSR vols. 2-13; editor vols. 14-30; for details see TL-2/3857 (lists e.g. Schischkin's numerous contributions) and Linczevski (1966).

NOTE: For a bibliography, giving the numerous pre-1940 publications in Russian, see I.A. Linczevski (1946).

HANDWRITING: S.V. Lipschitz & I.T. Vasilczenko, Central Herbarium USSR 1968, p. 133.

EPONYMY: *Neoschischkinia* N.N. Cvelev (1968); *Schischkinia* Iljin (1935); *Schischkiniella* C.G.G.J. van Steenis (1967).

10.726. *Diagnoses specierum novarum generis Gypsophila* L. ... [Candollea 1928]. Oct. *Publ.*: Oct 1928, p. [1]-4. *Copy*: G. – Reprinted and to be cited from Candollea 3: [473]-476. 1928.

Schkuhr, Christian (1741-1811), German (Saxonian) botanist and "Universitätsmechaniker" at Wittemberg. (*Schkuhr*).

HERBARIUM and TYPES: HAL, originally bequeathed to the University of Wittemberg (see e.g. Werner 1955, 1980). Library sold by public auction.

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 315-316; AG(2): 112; Backer p. 517; Barnhart 3: 228 (b. 14 Mai 1741, d. 17 Jul 1811); BM 4: 1836; Bossert p. 353; De Toni 2: civ; Dryander 3: 89, 152; DTS 1: 264-265; Frank 3 (Anh.): 90; Futak-Domin p. 526; Hegi 4(1): 266; Herder p. 188, 266, 271, 279; Hortus 3: 1203; IF p. 728, suppl. 1: 132; IH 1 (ed. 6): 364, (ed. 7): 342, 2: (files); Jackson p. 35, 126, 296; Kew 4: 627; Langman p. 679; Lasègue p. 27, 334, 545; LS 23940; MW p. 435; NI 1763-1766; Plesch p. 399; PR 4945-4946, 8202-8205, ed. 1: 5469-5470, 9137-9142; Rehder 1: 264, 348, 375; SO add. 791*; Sotheby 680; TL-1/628-629, 1162-1164; TL-2/4040-4041, 8875, 8885; Tucker 1: 630; Zander ed. 10, p. 712, ed. 11, p. 812.

BIOFILE: Anon., J. Bot. appl. (N.A. Desvaux), ser. 2. 1: 188-192. 1813 (obit.).
Ascherson, P., Fl. Provinz Brandenburg 1: 12-13. 1864.
Candolle, Alph. de, Phytographie 447. 1880 (herb.).
Jessen, K.F.W., Bot. Gegenw. Vorz. 371, 376-377. 1864.
Manitz, H., Wiss. Z. Univ. Jena, Math.-Nat. 24(4): 500. 1975.
Rodgers, A.D., Liberty Hyde Bailey 121-123. 1949.
Rothmaler, W., Taxon 2: 143. 1953 (herb. at HAL).
Sayre, G., Bryologist 80: 517. 1977 (bryoph. also at HAL).
Werner, K., Wiss. Z. Univ., Halle Math.-Nat. 4(4): 775, 776, 777. 1955 (Schkuhr herbarium to Halle at merger Wittenberg/Halle universities 1817; basis of HAL); Taxon 29: 685. 1980 (note on present state of Schkuhr herbarium at HAL; note on Willdenow Carex species typified by Schkuhr material).

EPONYMY: *Platyschkuhria* (A. Gray) Rydberg (1906); *Schkuhria* A.W. Roth (1797).

HANDWRITING: Candollea 33: 169-170. 1978.

10.727. *Botanisches Handbuch* der mehresten theils in Deutschland wild wachsenden, theils ausländischen in Deutschland unter freyem Himmel ausdauernden Gewächse ... Wittenberg (auf Kosten des Verfassers) [1787-] 1791-1803. 3 vols. Oct. (*Bot. Handb.*).
1: 1787-1791 (in parts; p. viii: 16 Apr 1791; the first 29 plates and text sign. A-F available by 16 Sep 1788 (Manitz 1975), portr., Schkuhr, p. [i*-iii*], [i]-viii, [ix-xii], [1]-408.
2: [?-] 1796, p. [i]-iv, [v-viii], [1]-421.
3: Jan-Mai 1802 (t.p., main text until p. 564 available by 9 Mai 1802, see S. Rauschert, Feddes Repert 85: 642. 1974; p. vi 9 Apr 1803; preface material, Nachtr. 10, index 1803), p. [i]-vi, ["iv"], [vii-x], [1]-303, [304, Nachtr. 3(1)], [3(2):] [305]-564, [1]-6 Nachtr. [7]-69 index, [71-72, err.].
Plates 1: 1, 2a, 2b, 3-4, 5a, 5b, 6-56, 57a, 57b, 58-84, 84b, 85-97, 98a, 98b, 99-106, 107a, 107b, 108, 109a, 109b, 110-126.
Plates 2: 127-130, 131a, 131b, 132-188, 189a, 189b, 190a, 190b, 191, 192a, 192b, 193-198, 199a, 199b, 200-207, 208a, 208b, 209-211, 212a, 212b.
Plates 3: 213-245, 246a, 246b, 247-249, 250a, 250b, 251-253, 253b, 254, 254b, 255-260, 260b, 261b, 262-268, 269a, 269b, 270-284, 285a, 285b, 286, (A-I, K-Z, Aa-Ii, Kk-Zz, Aaa-Ddd (*54 plates* under no. 286, illustrating 124 Carex species), 287-300, 301, 301b, 302-316, 317a-h, 318-329, 330a-b, 331-334, 335a-b, 336-341, 342a-b, 343-358.

The following information on the contents of parts 21-30 was obtained from the original wrappers by Mr. John Collins:

Heft	date	contents (plates)
21-22	1798	280-300
23	1799	301-307, 286 M-S
24/25	1800	308-315, 286 T-Mm
26/27	1801, Apr-Mar	307a-h-323
	prob.	286 Nn-Ddd
28/29	1802	323b-349
[30]	1803	350-358, portr., title vol. 3 incl., p. 7-72 of end of vol. 3, prob. also Nachtrag p. 1-6

Heft 1-5 (contents unknown) were sent to a Leipzig bookseller by Schkuhr on 13 Dec 1789 (letter at G). The total number of copper-engravings (all by Schkuhr) is 446; according to J. Collins (Sotheby 680) plate *287* was not published.

Copies: G, HH, NY, USDA. – Published in 30 parts the contents and precise dates of which are not known to us. The 445 plates are handcol. copp. engr. by Schkuhr.

Ed. 2: in 4 vols., all dated 1808, actually published 1806-1814, in 40 parts with a total of 483 col. copper engr. by Schkuhr (1300 figures). *Copies*: G, M, MICH, PH, US; IDC 5715. – A fifth volume, containing the cryptogams, was issued separately in two parts. –"Zweyte mit dem Nachtrag der Riedgräser vermehrte Auflage". Leipzig (bey Gerhard Fleischer dem Jüngern) 1808. Oct.

1: p. [i]-viii, [1]-408, [409-412].

2: p.[i]-iv, [v-viii], [1]-421.

3: [i-vi], [1]-305.

4: [i]-xvi, [1]-455.

Plates 1: 1, 2a, 2b, 3, 4, 5a, 5b, 6-56, 57a, 57b, 58-82, 84, 84b, 85-97, 98a, 98b, 99-106, 107a, 108, 109a, 109b, 110-126.

Plates 2: 127-130, 131a, 131b, 132-188, 189a, 189b, 190a, 190b, 191, 192a, 192b, 193-198, 199a, 199b, 200-207, 208a, 208b, 209-211, 212a, 212b.

Plates 3: 208b, 209-211, 212a, 212b, 213-245, 246a, 246b, 247-249, 250a, 250b, 251-253, 253b, 254, 254b, 255-260, 260b, 261, 261b, 262-268, 269a, 269b, 270-284, 285a, 285b, 287-301, 301b, 302-316.

Plates 4: 286(A-I, K-Z, Aa-Ii, Kk-Zz, Aaa-Iii, Kkk-Zzz, Aaaa-Iiii, Kkkk-Ssss), 317a-h, 318-322, 323a, 323b, 324-329, 330a, 330b, 331-334, 335a, 335b, 336-341, 342a, 342b, 343-358.

10.728. *Beschreibung und Abbildung der* theils bekannten, theils noch nicht beschriebenen *Arten von Riedgräsern* nach eigenen Beobachtungen und vergrösserter Darstellung der kleinsten Theile, ... Wittenberg (zu finden bey dem Verfasser) 1801. Oct. (*Beschr. Riedgräs.*).

Publ.: 1801 (announcement for the Jubilate Messe, Apr-Mai 1801, one of the covers of the Bot. Handb.), p. [i-iv], [1]-128, *pl. A-I, K-Z, Aa-Ii, Kk-Zz, Aaa-Ddd* (*54 pl.*) (identical with the plates 286 thus numbered of the *Bot. Handb.*).

Nachtrag: 1806 (p. vi: 1 Mai 1806), p. [i]-xii, [1]-94, *pl. Eee-Iii, Kkk-Zzz, Aaaa-Iiii, Kkkk-Ssss* (39 pl., identical with supplementary plates sub no. 286 in Bot. Handb. ed. 2, vol. 4. "*Nachtrag oder die zweyte Hälfte der Riedgräser*" Wittenberg (id.) 1806.

Copies: FI, G, H, HH, MICH, NY, PH, US, USDA (with portr. Schkuhr in main vol.); IDC 5187.

Supplemente zu Schkuhr's Riedgräsern, by G. Kunze, 1840-1851, see TL-2/4041. – *Reviews*: Flora 23 (Lit. Ber. 7): 110-117. 14 Sep 1840(1), 25(2)(Lit. Ber. 3): 33-39. 21 Jun 1842(2), 26(1): 149-150. 7 Mar 1843(3), 28(1): 220-222. 14 Apr 1845 (by F. = A.E. Fürnrohr; Lief. 4), 34(1): 235-237. 21 Apr 1851 (by F., Lief. 5).

French transl.: 1802, front. portr. Schkuhr, [i]-xvi, [1]-167, [168], *pl. A-I, K-Z, Aa-Ii, Kk-Zz, Aaa-Ddd* (*54 pl.*; col. copp. auct.). *Copies*: BR, G, HH, MICH, MO, NY, PH, US, USDA. – "*Histoire des Carex* ou Laiches contenant la description et les figures coloriées de toutes les espèces connues et d'un grand nombre d'espèces nouvelles par Chrétien Schkuhr, ... traduite de l'allemand et augmentée par G.F. de la Vigne ..." A Leipzig (chez Voss et compagnie) 1802. Qu. (*Hist. Carex*).

Reissue (of main work and Nachtrag): 1812. *Heft 1*: [i*-ii*], [1]-128, *Heft 2*: [i]-xii, [1]-

92, *plates A-Ssss* (as listed above) of which the first 29 were issued with Heft 1 and the later 64 with Heft 2. *Copies*: G, PH.

10.729. Christiani Schkuhr, mechanici academici vitebergensis, ... *Enchiridion botanicum* seu descriptiones et icones plantarum in Europa vel sponte crescentium vel in hortis sub dio perdurantium. Editio latina. Tomus primus cum tabulis aeneis coloratis lxxxviii. Lipsiae [Leipzig] (sumtibus Gerhardi Fleischer) 1805. Oct. † (*Ench. bot.*).
Publ.: 1805, p. [i]-xiv, [xv], [1]-268, [269-272], *pl. 1, 2a, 2b, 3-4, 5a, 5b, 6-56, 57a, 57b, 58-84, 84b, 85-88* (col. copp. engr. auct., identical with same nos. in *Handb.*). *Copies*: G, PH. – An unfinished Latin version of the *Handb. bot.* edited by Friedrich Schwaegrichen.

10.730. *Vier und zwanzigste Klasse des Linnéischen Pflanzensystems oder kryptogamische Gewächse.* Erster Band mit zweyhundert und neunzehn ausgemalten Kupfertafeln enthält ausser den sämmtlichen Farnkräutern Deutschlands noch eine grosse Anzahl anderer aus allen Welttheilen, welche noch nicht, oder zum Theil unvollkommen, auch nur in seltnen Werken abgebildet sind, ... Wittenberg (bey dem Verfasser) [1804-]1809. Qu. (*24. Kl. Linn. Pfl.-Syst.*).
Publ.: 1804-1809 [-1810?] (in 9 parts, Heft 1, *25 pl.*, available summer 1804), p. [i*], [i]-xiv, [1]-212, *pl. 1, 1b, 2, 3, 3b, 4-6, 6b, 7, 7b, 8, 8b-d, 9-11, 11b, 12-17, 17b, 18, 18b, 19, 19b, 20, 20b, 21-25, 25b-c, 26, 26b-e, 27-28, 28b, 29, 29b-c, 30-32, 32b, 33, 33b-c, 34, 34b, 35-43, 43b, 44-45, 45b, 46, 46b, 47-53, 53b, 54-56, 56b, 57-62, 62b, 63-75, 75b, 76, 76b, 77-79, 80a-b, 81-85, 85b, 86-96, 96b, 97-101, 101b, 102-105, 105b, 106-108, 108b, 109-110, 110b, 111-121, 121b, 122-127, 127b, 128-130, 130b, 131-132, 132b, 133-135, 135b-c, 136-165, 165b, 166-171, 172a-b, 173* (handcol. copp. engr. auct.).
Copies: G, H-UB, HH, MO, NY, PH, USDA. – PR mentions an issue with a french t.p. dated 1806, with a dedication to the Empress Josephine, but not differing in any other way. We have seen no copy of this issue. This first part of the "kryptogamische Gewächse" (for part 2, Moose, see below) contains the treatment of the ferns.
Supplement: G. Kunze, *Farnkräuter* 1840-1851, 2 vols., TL-2/4040 carries as a subtitle "Schkuhr's Farrnkräuter, Supplement".

10.731. *Deutschland's kryptogamische Gewächse.* Zweyter Theil. Oder vier und zwanzigste Pflanzenklasse, die deutschen Moose enthaltend. In zwei Heften mit sieben und dreissig ausgemalten Kupfern ... Wittenberg (bei dem Verfasser) 1810 [-1847], 2 Hefte and supplement. Qu. (*Deutschl. krypt. Gew.*).
Heft 1: 6 Mai 1810 (SY p. 37; p. [2]: Apr 1810), p. [1]-40, *pl. 1-11, 11b, 11c, 12-16, 16b, 17-20* (the division of the Hefte between 40/41 is inferred, not proven).
Heft 2: 20 Jul 1811 (SY p. 37; cover dated 1811), p. 41-82, *pl. 20-37*.
Supplement: Jun 1847 (p. vi: Mar 1847; Bot. Zeit. 31 Mar 1848; Flora 28 Jun 1847 "soeben"), p. [i]-x, 83-88, *pl. 38-39*.
Copies: H, MO-Steere, NY, USDA; IDC 5714. – The plates are coloured copper engravings by Schkuhr.

Booknumber 10.732 has not been used.

Schläpfer, Georg (1797-1835), Swiss botanist at Trogen. (*Schläpfer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 228 (b. 6 Feb 1797, d. 8 Apr 1835); BM 4: 1836; CSP 5: 476, 6: 754; PR 8207; Rehder 1: 433.

Schlagdenhauffen, Charles Frédéric (1830-1907), French botanist and phytochemist at Strasbourg; Dr. sci. Strasbourg 1857; with the École supérieure de Strasbourg from 1855 as assistant, associate professor of toxicology and physics, and, from 1873-1900, regular professor of toxicology. (*Schlagdenhauffen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 228 (b. 7 Jan 1830); BM 4: 1836; TL-2/2516; Tucker 1: 630, 3: 272.

BIOFILE: Anon., Bot. Centralbl. 105: 448. 1907 (d.); Cat. gén. livr. impr. Bil. natl. Paris 165: 702-707. 1943 (bibl.).
Godfrin, Bull. Séanc. Soc. Sci. Nancy ser. 3. 9(3): 272-275. 1908.
Kneucker, A., Allg. bot. Z. 13: 196. 1907 (d.).
Lorenz, O., Cat. gén. libr. franç. 10: 575. 1887, 15: 788-789. 1904.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 801. 1863, 3: 1192. 1898, 4: 1329-1331. 1904, 5: 1112. 1926.

10.733. *Contribution à l'étude du genre Coronilla* au point de vue botanique, chimique, physiologique et thérapeutique ... Strasbourg (Imprimerie alsacienne anc. G. Fischbach) 1897. Oct. (*Contr. Coronilla*).
Co-author: E. Reeb.
Publ.: 1897 (Nat. Nov. Jun(1) 1897), p. [1]-159, *pl. 1-37, 3bis*. *Copy*: BR.

Schlagintweit, Adolf von (1829-1857), German (Bavarian) traveller, geologist and plant collector; brother of Robert and Hermann Alfred Rudolph von Schlagintweit-Sakünlünski; studied at München; habil. ib. 1853 for geognostics; explorer of the Himalaya, Karakoram, Tibet, N. India and other parts of Central Asia; killed by religious fanatics at Kashgar, Turkestan. (*A. Schlagintweit*).

HERBARIUM and TYPES: The herbarium of the brothers Schlagintweit came to B (now mainly destroyed) (see Urban 1891). Most material collected by A. Schlagintweit is mentioned in connection with the collections of his brothers Robert and Hermann. Herbaria listing Adolph v. S. specifically: CAS, GOET, PH (major set), WRSL. – For further details see under Hermann v. S.

NOTE: For biographical and bibliographical references see also under H. von Schlagintweit; many publications deal with the three brothers rather than with only one of them.

BIBLIOGRAPHY and BIOGRAPHY: ADN 31: 336-347; AG 12(2): 271; Barnhart 3: 228 (b. 9 Jan 1829, d. 26 Aug 1857); Biol. Dokum. 16: 8057; BM 4: 1837; Bossert p. 353; Bret. p. 795; CSP 5: 475; DTS 1: 265; GR p. 131; Hegi 6(2): 1319; Herder p. 36; Quenstedt p. 382; Rehder 5: 769; Tucker 1: 630; Urban-Berl. p. 392.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1948. 1878.
Anon., Bonplandia 6: 192. (probably killed), 298 (spent winter in Aktak), 359-360 (no doubt about death. 1858), 7: 51. (report from Mussoore), 115 (details about death) 1859, 8: 249. 1860 (body and holdings found); Bot. Zeit. 11: 318-319. 1853 (habil. München); Bull. Soc. bot. France 6: 176. 1859 (d.); Encycl. brit. ed. 11. 24: 328. 1911; Flora 36(1): 190. 1853 (habil. München), 42: 255. 1859 (d.); Grand Larousse encycl. 9: 666. 1964; Österr. bot. Z. 9: 201-202. 1859 (on his death going from Pundjab to Turkestan, killed (beheaded) at Kargash by fanatic "Muselmänner" i.e. islamics.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 240.92, 274.38. 1980.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 801-802. 1863.
Schlagintweit, H., S.B. k. bayer. Akad. Wiss., München 1869(1): 181-190. 1869 (Adolph died 26 Aug 1857; details on death).
Schmidt, T.A., J. Bot. 8: 225-250. 1868 (Enum. Labiat., Scroph. coll. 1855-1857 by S.).
Urban, I., Bot. Jahrb. 14 (Beibl. 32): 29. 1891 (Schlagintweit herbarium at B, bought directly and through Hennings).
Wittrock, V.B., Acta Horti Berg. 3(2): 142. 1903, 3(3): 151. 1905.

EPONYMY: *Schlagintweitia* Grisebach (1853) and *Schlagintweitiella* Ulbrich (1929) both honor A. Schlagintweit and his brother H.A.R. von Schlagintweit-Sakünlünski (*q.v.*).

10.734. *Ueber die Ernährung der Pflanzen* mit besonderer Rücksicht auf die Bedingungen

ihres Gedeihens in verschiedenen Höhen der Alpen ... aus den "Untersuchungen ... Alpen ..." Leipzig (J.A. Barth) 1850. Oct.
Publ.: 1850, p. [1]-25. *Copy*: G. – Reprinted from H.A.R. & A. Schlagintweit, Unters. physic. Geogr. Alpen, 1850.

Schlagintweit-Sakünlünski, Hermann Alfred Rudolph von (1826-1882), German (Bavarian) traveller, geographer, plant collector and explorer of Northern India, the Himalaya, Karakorum and Tibet 1854-1857. (*H. Schlagintweit*).

HERBARIUM and TYPES: The herbarum of the three Schlagintweit brothers, Adolph (1829-1857), Hermann (see above) and Robert (1833-1885) was for the greater part acquired by B, partly by direct acquisition, partly through P. Hennings who acquired the remaining part of the herbarium, sold several sets to others but who also presented a further set of 1155 nos. from India and the Himalayas to B (Urban 1891); the greater part of these collections was destroyed in 1943. Other herbaria usually cite collections simply as "Schlagintweit"; material is reported from BM (2050), BR, E, G, GH, GOET, HBG, JE, L, LE, M, MO, PR, S, US, WRSL, W, WU.

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 336-347; AG 12(3): 271; Biol.-Dokum. 16: 8057; BM 4: 1837; CSP 5: 475-476, 8: 861, 11: 313-314, 12: 657; DTS 1: 265; GR p. 132; Hegi 6(2): 1319; Herder p. 36, 59, 167, 342; IH 1 (ed. 6): 364, 2: (files); Jackson p. 218, 292; LS 23942-23942a; MW p. 436; PH 567; Quenstedt p. 382; Rehder 5: 769; TL-2/3710; Tucker 1: 630; Urban-Berl. p. 392.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1948. 1878.
Anon., Bonplandia 2: 235. 1854 (expedition to India and Himalaya under ausp. King of Prussia, with support of A. v. Humboldt and East India Company; mainly geol., meteorol., magnetism), 3: 140 (from Bombay via Madras to Calcutta; financial support Govn. Bengal), 173 (in Darjeeling). 1855, 4: 123. 1856 (in Himalaya), 5: 332. 1857 (attacks in press, intrigues), 7: 138 (death of Adolph), 203 (in London) 1859, 8: 109 (ennobled), 296 ("Results of a Scientific Mission ..." to be publ.) 1860, 10: 160-261. 1962 (papers Adolph retrieved); Bot. Zeit. 11: 112 (in Berlin to obtain support for trip to Himalaya), 318-319 (habil. Berlin). 1853, 12: 624. 1854 (Rother Adler Orden 4 Kl.); Bot. Zeit. 15: 64. 1857 (H. and R. Schl. in Kunlun Chan), 17: 176. 1859 (d.; incorrect: Kurdistan instead of Turkestan), 17: 408. 1859 (ennobled); Bull. Soc. bot. France 2: 422. 1855 (details on organisation and finances of expedition); Das Ausland, Stuttgart 55(7): 136-137. 1882 (obit.); Encycl. brit. ed. 11.24: 328. 1911; Flora 37: 448 (elected members Regensb. bot. Ges.), 704 (roter Adler Orden 4 Cl., have departed for Bombay) 1854; Grand Larousse encycl. 9: 666. 1964; Nat. Nov. 4: 31. 1882 (d.); Österr. bot. Z. 8: 173. 1858 (publication announced of "Resultate einer wissenschaftlichen Reise nach Indien und Hochasien").
Embacher, H., Lexik. Reisen 259-260. 1882 (itin.).
Hausmann, F. v., Fl. Tirol 1185. 1884 (A. and H. Schl. travelled in Austrian Alps 1847 and 1848).
Heinsius, W., Alg. Büch.-Lex. 12(2): 253. 1838, 13(2): 332, 14(2): 398. 1871, 15(2): 505. 1878, 16(2): 427. 1882, 17(2): 511. 1887, 18(2): 480. 1890 (bibl.).
Hennings, P., Bot. Zeit. 44: 464. 1886 (Italian, Himalayan, Tibetan plants for sale).
Moore, D.T., Arch. nat. Hist. 10(3): 417-418, 424. 1982 (geol. coll. India Musuem, London).
Pennell, F.W., Monogr. Acad. nat. Sci. Philadelphia 5: 12. 1943 (plants distributed from Kew [?]).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 801-802. 1863 (b. 7 Jan 1830), 3: 1192-1193. 1898.
Schenk, A., Bot. Jahrb. 3: 353-358. 1882 (on the fossil woods collected by the Schlagintweits).
Schmidt, T.A., J. Bot. 8: 225-250. 1868 (Enum. Labiat., Scroph. coll. 1855-1857 by S.).
S-n, Flora 23: 151-157. 1851 (extensive review of A.& H. Schl., Unters. phys. Geogr. Alpen 1850).
Stewart, R.R., Pakistan J. For. 17: 355. 1967; Taxon 28: 10-11. 1979 (on works in

Kashmir and Punjab; employed by East India Company; dismissed after the Mutiny of 1857), 33: 52. 1984.
Urban, I., Bot. Jahrb. 14 (Beibl. 32): 29. 1891 (acquisition herb.).
Wagenitz, G., Index coll. princ. herb. Gott. 147. 1982.
Wittrock, V.B. von, Acta Horti Berg. 3(3): 151. 1905 (on portr.).
Zischka, G.A., Allg. Gelehrt.-Lex. 577. 1961.

COMPOSITE WORKS: (1) With F.W. Klatt, *Compos. Schlagintweit* 1880, see TL-2/3710. *Additional references*: F.W. Klatt, S.B. Math. Phys. Akad. Wiss. München 8: 73-98. 1878 (prelim. rep. on Compositae), 11: 57-62. 1881 (further report).
(2) *Results of a scientific mission to India and High Asia*, undertaken between the years 1854 and 1858, by order of the court of directors of the Honourable East India Company, by H., A. and R. Schlagintweit. Leipzig, London 1861-1866, 4 vols., Atlas. Qu. – *Reisen in Indien und Hochasien*, ... Leipzig, Jena 1869-1880, 4 vols. – Condensed account: *Das Kaiserreich Ostindien* und die angrenzenden Gebirgsländer, ... Jena 1884.

EPONYMY: *Schlagintweitia* Grisebach (1853) and *Schlagintweitiella* Ulbrich (1929) both honor this author and his brother A. Schlagintweit *q.v.*

10.734a. *Untersuchungen über die physicalische Geographie der Alpen* in ihren Beziehungen zu den Phenomenen der Gletscher, zur Geologie, Meteorologie und Pflanzengeographie ... Leipzig (Verlag von Johann Ambrosius Barth) 1850. Oct. (*Unters. phys. Geogr. Alpen*).
Publ.: 1850 (p. vi: Aug 1850), p. [i]-xiv, [xv-xvi], [1]-600, *pl. 1-11*, 2 maps. *Copies*: NSUB, USGS. – Reprint, unchanged of p. [467]-523, *Pflanzengeographische Untersuchungen* at HH.
Neue Untersuchungen, Leipzig 1854, see BM 4: 1837 for preprints. *Copy*: H-UB (n.v.).

10.735. *Bericht über Anlage des Herbariums* während der Reisen nebst Erläuterung der topographischen Angaben ... München (Verlag der k. Akademie, ...) 1876. Qu.
Publ.: 1876 (mss. submitted 6 Mai 1876), p. [1]-64. *Copies*: G, US. – Reprinted and to be cited from Abh. Bayer. Akad. Wis. Math. Nat. 12(3): 133-196. 1876.

Schlatter, Theodor (1847-1918), Swiss botanist and merchant at St. Gallen; trained as a pharmacist at Würzburg, Basel and and Bern; head of the family firm of paints, dyes and colonial produce. (*Schlatter*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 198; Barnhart 3: 228 (b. 27 Aug 1847, d. 12 Sep 1918); BFM 994, 1009; BL 2: 578, 579, 714; BM 4: 1837; Rehder 5: 769.

BIOFILE: Attinger, V. et al., Dict. hist. biogr. Suisse 6: 28. 1932.
Vogler, P., Verh. schweiz. naturf. Ges. 1918: 133-135. 1919 (obit.).

COMPOSITE WORKS: *Die Pflanzenwelt St. Gallens*, in *Die Stadt St. Gallen und ihre Umgebung* p. 71-147, St. Gallen, 1915 (n.v.).

10.736. *Kritische Uebersicht über die Gefässpflanzen der Kantone St. Gallen und Appenzell* ... St. Gallen (Verlag von A.J. Koeppel) 1881-1888. 3 Hefte. Oct. (*Krit. Uebers. Gefässpfl. St. Gallen*).
Senior author: Friedrich Bernhard Wartmann (1830-1902).
1: 1881 (p. 13: Dec 1880; 1881 on covers; Bot. Zeit. 26 Aug 1881; Bot. Centralbl. 18-22 Jul 1881; Flora 11 Aug 1881), p. [1]-182. Reprinted from Jahresber. St. Gall. naturw. Ges. 1879/80: 61-238. 1881 (journal issue n.v.).
2: 1884 (date on cover; Bot. Centralbl. 6-10 Apr 1885; Nat. Nov. Dec(2) 1884), p. [183]-352. (journal issue n.v.).
3: 1888 (date on cover; Bot. Centralbl. 2 Jan 1889; Nat. Nov. Jan(1) 1889), p. [353]-568. – Reprinted from id. 1886-1887, 247-461. 1888.
Copy: G.
Ref.: Freyn, J.F., Bot. Centralbl. 9: 225-226. 1882 (rev.).

Schlauter, [E.] August (1803-1849), German (Hannover) gardener and botanist at Hildesheim nr. Celle; in the Hannoverian army 1824-1828; Dr. h.c. Bonn 1835; active as gardener in the family firm at Hildesheim 1828-1836; curator of the botanical garden at Erfurt 1836-1837, subsequently again at Hildesheim. (*Schlauter*).

HERBARIUM and TYPES: GOET.

BIBLIOGRAPHY and BIOGRAPHY: BFM 399; Biol-Dokum. 16: 8058; BM 4: 1837; CSP 5: 476; Herder p. 316; PR 8208, ed. 1: 9143.

BIOFILE: Koppe, F., Hercynia 3: 588-607. 1944 (Die Moosflora von Hildesheim; used Schlauter's coll.).
Seeland, H., Mitt. Herm. Roemer-Mus. Hildesheim 40: 1-49. 1936 (biogr., esp. p. 4-14, 26, 43, 44).
Wagenitz, G., Index coll. princ. herb. Gott. 148. 1982.

HANDWRITING: Wagenitz, G., Index coll. princ. herb. Gott. 210. 1982.

10.737. *Die Orobanchen Deutschlands* in tabellarischer Uebersicht. Ein Beitrag zu den Floren Deutschlands ... Quedlinburg und Leipzig (Druck und Verlag von Gottfr. Basse) 1834. Oct. (*Orobanch. Deutschl.*).
Publ.: 1834 (Flora 1 Feb-24 Jun 1835), p. [1]-14. *Copies*: FI, NY.

Schlayer, Philipp (*fl.* 1837), German (Württemberg) botanist; Dr. med. Tübingen 1837. (*Schlayer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1837; Jackson p. 154.

10.738. *Anatomische Untersuchungen über die porösen Zellen von Sphagnum.* Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medicin und Chirurgie unter dem Präsidium von Hugo Mohl, ... im Juli 1837 der öffentlichen Prüfung vorlegt (Philipp Schlayer von Nürtingen. Tübingen (gedruckt bei Gustav Bähr) 1837. Oct. (*Anat. porös. Zell. Sphagnum*).
Publ.: Jul 1837, p. [1]-43. *Copy*: NY.

Schlechtendal, Diederich Franz Leonhard von (1794-1866), German (Cleve-born, Prussian) botanist; studied medicine and natural sciences at the Friedrich-Wilhelm-University of Berlin 1813-1819; Dr. med. ib. 1819; curator at the Royal Herbarium, Berlin 1819-1833, from 1822 in close association with A. von Chamisso; Dr. phil. h.c. Univ. Bonn 1823; habil. Berlin 1826, extraord. prof. of botany 1827; successor to Kurt Sprengel as professor of botany and director of the botanical garden of Halle university 1833-1866; editor of Linnaea 1826-1866 and co-editor with H. Mohl of the Botanische Zeitung 1843-1866. (*Schlechtend.*).

HERBARIUM and TYPES: HAL. – Several of the types of his Berlin period were at B (mainly destroyed). – Plants from the botanical gardens of Berlin and Halle, and material from his herbarium (but collected by others) are e.g. at CAS, E, FI, G, L, M, MW, S, W, WAG. – Plants mentioned (erroneously) as having been collected by Schlechtendal in Mexico, the Cape and other extra-European areas stem from his herbarium. S. himself never travelled outside W. Europe. Schlechtendal's extensive correspondence is also at HAL (see Schubert 1964 for a list of correspondents; Stafleu (1970) for the Miquel-Schlechtendal correspondence; Bessler (1954) for the correspondence with Chamisso). *Letters* from Schlechtendal to Miquel at U; to Irmisch (copies only) at Sondershausen (Müllerot 1980); other letters at GH.

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 351-353; AG 6(1): 523-524; Ainsworth p. 247, 347; Backer p. 517, 518; Barnhart 3: 228 (b. 27 Nov 1794, d. 12 Oct 1866); BFM 15; BL 1: 137, 317; BM 4: 1837; Bossert p. 353; CSP 5: 476-481, 8: 862 (232 nos.); DTS 1: 266;

Frank 3 (Anh.): 90; Futak-Domin p. 526; GR p. 45, cat. p. 71; Hawksworth p. 185, 197; Herder p. 476 [index]; Hortus 3: 1203; IF p. 728-729; IH 1 (ed. 6): 364, ed. 7: 342, 2: (files); Jackson p. 295, 350; Kelly p. 207; Kew 4: 628; Langman p. 679-681; Lenley p. 468; LS 23943-23956 (mycol. work); Maiwald p. 46, 147, 181, 184, 199; Moebius p. 304; MW p. 436-437; NI 1767-1771, 2154; Plesch p. 399; PR 3653, 8209-8219, 8323, 10470, ed. 1: 3980, 7421, 9144-9150, 9248, 11428; Rehder 5: 769; RS p. 140; SBC p. 131; Sotheby 681; Stevenson p. 1257; TL-1/1165-1169, see C.A.F. Garcke; TL-2/423, 567, 757, 994, 1082, 1657, 2216, 3454, 3503, 6680, 8353, 9121, 9408, see indexes; Tucker 1: 630; Urban-Berl. p. 392; Zander ed. 10, p. 712, ed. 11, p. 812; Zep-Tim p. 98-99.

BIOFILE: Anon., Bonplandia 1: 51, 110. 1853 (for memb. Linn. Soc.), 2: 107. 1854 (editorial [by B. Seemann] on Schl.'s "attacks" on Bonplandia), 4: 223. 1856 (on Schl. and his gardener Kegel), 6: 51 (cogn. Leop. Elsholz), 244 (on Schl. and K.H.E. Koch) 1858; Bot. Zeit. 25: 343. 1867 (library, herbarium, fruit and seed coll. bought by Preussen for HAL); Bull. Soc. bot. France 13 (bibl.): 238. 1866 (brief obit.); Flora 4: 252. 1821 (arranges Willdenow herb.), 7(2): 575. 1824 (trip Regensb., München, Genève, Paris), 10: 127. 1827 (habil. Berlin), 40: 624. 1857 (rother Adler Orden 4 Cl.), 49: 447. 1866 (d.), 50: 29. 1867 (succeeded at HAL by A. de Bary); J. Bot. 4: 367. 1866 (d.); Österr. bot. z. 17: 408. 1867 (coll. bought by Preussen for HAL).

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Bary, A. de, Bot. Zeit. 25: 321-328. 1867 (obit., bibl. 154 nos.), Verh. bot. Ver. Brandenburg 9: xxi-xxix. 1867 (slightly amended reprint of obit.).

Bentham, G., Proc. Linn. Soc. London 1866-67: xxxvii. 1867 (obit.).

Bessler, O., Wiss. Z. Univ. Halle, Math.-Nat. 4(1): 137-152. 1954 (corresp. with A. v. Chamisso).

Brockhaus, Conservations-Lexikon ed. 13. 14: 378. 1886.

Braun, H., Fedde Repert. 90: 409-413. 1979 (typif. some fungi descr. by Schld., based on coll. HAL).

Candolle, Alph. de, Phytographie 447. 1880 (herb.).

Eckhardt, Th., Willdenowia 4(2): 161-162. 1966.

Felix, A., Bot. Zeit. 24: 325-326. 1866 (death announced by publisher; S. was the "thätsachlicher" i.e. factual editor).

Gager, C.S., Brooklyn Bot. Gard. Rec. 27: 228. 1938 (dir. bot. gard. Halle 1833-1866; preceded by Kurt Sprengel, followed by A. de Bary).

Gray, J.L., Letters A. Gray 26, 267. 1893.

Hall, N., Bot. Eucalypts 114. 1978.

Helm, J., Kulturpfl. 14: 353. 1966 (Schl. & Pritzel).

Hoffmann, P. et al., Wiss. Z. Humboldt-Univ. Berlin math.-nat. Reihe 14: 803. 1965.

Jessen, K.F.W., Bot. Gegenw. Vorz. 467. 1864.

Kümmel, F., Hercynia ser. 2. 3: 237-246. 1977 (on Halle bot. gard.).

Leon, N., Bibl. bot.-mexic. 233-234. 1895.

Lindemann, E. v., Bull. Soc. imp. Natural. Moscou 61: 66. 1886 (coll. MW).

McKelvey, S.D., Bot. expl. Trans-Miss. West 158, 160-161, 426, 584. 1955.

Müller, R.H.W & R. Zaunick, Friedr. Traug. Kützing 72, 90, 91, 99, 230, 232, 233, 268, 294. 1960 (contacts with Kützing).

Müllerott, M., Hoppea 39: 62. 1980 (58 letters to Th. Irmisch, copies at Sondershausen).

Raab, H., Schweiz. Z. Pilzk. 53(2): 24, 27. 1975 (most impt. mycol. publ. "Eine neue Phalloidee").

Regel, E., Gartenflora 15: 386. 1866 (obit. not.).

Sachs, J., Gesch. Bot. 207, 345. 1875, Hist. botanique 330. 1892.

Schlechtendal, D.F.L. von, Curriculum vitae, in his *Animadv. bot. Ranunc. cand.* p. 31-32. 1819.

Schmid, G., Goethe u.d. Naturw. nos. 1660, 1737, 1740. 1940; Chamisso als Naturforscher 96-99 (bibl.), 172 (index, numerous entries). 1942.

Schneebeli-Graf, R., ed., Adelbert von Chamisso 305-306 [index]. 1983.

Schubert, G., Leben und Werk von Diederich Franz Leonhard von Schlechtendal, Inaugural-Dissertation Halle-Wittenberg 1964, 191 p., (main biogr., bibl. of 255 nos., portr., list of S's correspondents; mimeographed; accompanied by a 3 p. "Gutachten"

by K. Werner emphasizing S.'s systematic work; he published e.g. more than 1200 new species and genera).

Seemann, B., Bonplandia 2: 107. 1854 (on S.'s criticism of Bonplandia).

Solms-Laubach, H., Zum fünfzigjährigen Jubiläum der Botanischen Zeitung, Geschichtlicher Rückblick über die ersten fünfzig Jahre ihren Bestehens, 7 p., Leipzig 1893 (Schl. was the main editor during the first 23 years).

Stafleu, F.A., The great Prodromus 30-31. 1966; The Miquel-Schlechtendal corespondence, a picture of European botany 1836-1866, Utrecht 1970, reprinted from Regn. veg. 71: 295-341. 1970 (calendar of correspondence with biographical sketch).

Urban, I., Symb. ant. 1: 151. 1898 (on his Florula insulae St. Thomae, publ. in Linnaea 1818-1831.

Werner, K., Wiss. Z. Univ. Halle, Math.-Nat. 4(4): 775-778. 1955 (on herb. Schlechtendal).

Wittrock, V.B., Acta Horti Berg. 3(3): 151, *pl. 125*. 1905 (portr.).

Zischka, G.A., Allg. Gelehrt.-Lex. 577. 1961.

COMPOSITE WORKS: (1) *Elaeagnaceae*, *in* de Candolle, Prodr. 14: 606-616. Nov (sero) 1857.
(2) Editor, *Supplementum*, C.L. Willdenow, *Enum. pl. hort. berol.* 1813, see C.L. Willdenow.
(3) Editor, *Linnaea* 1-35, 1826-1866, see below.
(4) Main editor (with H. Mohl) *Botanische Zeitung* 1-24, 1843-1866.
(5) Author of text, F. Guimpel & D.F.L. von Schlechtendal, *Abbild. Pharmac. Gew.*, 3 vols., 1828-1837, see TL-2/2216. – Other copy: USDA.
(6) *Genus Cymbaria*, revisum et emendatum, *in* C.G. Nees von Esenbeck, ed., *Horae phys. berol.* 105-116, *pl. 21*. 1820.
(7) Editor and author of text of Heft 16-73, 1838-1846 of J.C. Zenker, *Flora von Thüringen*; with C.E. Langethal of *Heft 74-144*, 1847-1855; plates by *E. Schenk*, see under J.C. Zenker.
(8) With L.A. von Chamisso, *De plantis in expeditione speculatoria Romanzoffiana observationes* ... 1826-1836, see TL-2/1082.
(9) With L.A. von Chamisso, *Plantarum mexicanarum* a cel. viris Schiede et Deppe collectarum recensio brevis ... see under Schiede.

HANDWRITING: Stafleu, F.A. Miquel-Schlechtendal corr., Regn. veg. 71: 311. 1970; Wagenitz, G., Index coll. princ. herb. Gott. 210. 1982.

NOTE: Schlechtendal's numerous publications in journals are listed for the greater part by CSP and Schubert (1964). – The "Biol.-Dokum." lists only a few papers (it clearly did not include "Linnaea"). The great number of book reviews, in Linnaea Litt. Ber. but especially in the Botanische Zeitung are not listed (but are often referred to in TL-

EPONYMY: *Schlechtendalia* Lessing (1830, *nom. cons.*).

10.739. *Animadversiones botanicae in Ranunculeas candollii* sectio prior c. tab. aen. quatuor. Dissertatio inauguralis quam consentiente gratioso medicorum ordine universitatis litterariae berolinensis pro summis in medicina et chirurgia honoribus die xxii. maji anni mdcccxix h.l.q.s. publice defendet auctor Diederic. Franc. Leonh. de Schlechtendal xanteno-cliviensis. Berolini [Berlin] (typis Joannis Friderici Starckii) [1819]. Qu. † (*Animadv. bot. Ranunc. cand.*).

Thesis ed.: 22 Mai 1819 (t.p.; Flora rd. 21 Jun 1819; Beck Jul 1819), p. [i, iii], [1]-32, *pl. 1-4* (uncol. copp. F. Guimpel). *Copies*: HAL, MO, NY, PH, Schmid (1942) no. 3c.

Commercial ed.: 1819-1820, 2 parts of which the text of the dissertation constitutes "sectio prior" [= 1]. *Copies*: BR, G(2), HH, M, MO, NY.

1: Mai-Jun 1819, p. [i, iii], [1]-30, *pl. 1-4* (id.). – Animadversiones ... candollii auctore D.F.L. von Schlechtendal sectio prior ... Dissertatio inauguralis. Berolini (id.) 1819. Qu. – The NY copy has the commercial t.p. but also p. 31-32 with curr. vit. and theses.

2: late 1820 (Flora 28 Apr 1821 "kürzlich"; Beck 30 Jan 1821), p. [1]-39, [40, expl. pl.], *pl. 1-2* (id.). – "Sectio posterior"... Berolini (typis Augusti Guilelmi Schadii) 1820. Qu.

10.740. *Erineum.* Persoon. Bearbeitet von Herrn Dr. von Schlechtendal. Besonders abgedruckt aus den Denkschriften der K.B. Botanischen Gesellschaft in Regensburg, Band iii. Regensburg (gedruckt bei Christoph Ernst Brenck's Wittwe) 1821. Qu. (*Erineum*).
Publ.: Apr 1821 (Flora 7 Apr 1821 published as preprint), p. [1]-31. *Copy*: HAL (inf. S. Rauschert). – Preprinted from Denkschr. k. baier. bot. Ges. Regensburg 2: 73-100. 1822.

10.741. *Flora berolinensis* auctore D.F.L. de Schlechtendal, ... Berolini [Berlin] (sumtibus Ferdinandi Dümmler) 1823-1824. 2 vols. Oct. (*Fl. berol.*).
Pars prima (Phanerogamia): Mar-Jun 1823 (p. ix: Mar 1823; Hinrichs Jan-Jun 1823; Beck 30 Sep 1823), p. [ii]-lxxii, [1]-535, [536, colo.]. – Alt. t.p. (p. ii): "*Plantae phanerogamae spontaneae et cultae agri berolinensis* nec non hucusque notae totius Mesomarchiae [Mittelmark, Brandenburg] illustratae ..."
Pars secunda (Cryptogamia): 1 Jun-15 Aug 1824 (Beck 15 Aug 1824; Flora 21 Feb 1824 not yet publ.), p. [ii*], [i]-xiv, [1]-284. – Alt. t.p. (p. ii*): *Synopsis plantarum cryptogamarum in Mesocharchia* praesertim circum Berolinum provenientium".
Copies: BR, G, HH, M, MO, NY, US, USDA. – See also under G. Reyger, TL-2/9121.
Ref: Anon., Flora 8(1): 49-59. 28 Jan 1826 (rev.).

10.742. *Notitia* de novo edendo jam inchoato opere botanica, cui titulis: *Adumbrationis plantarum* edidit D.F.L. von Schlechtendal. Berolini, apud F. Dümmler. mdcccxxv. Fasciculus I. (c. tab. vi. aeneis, 4to). (*Notit. Adumbr. pl.*).
Publ.: Mai 1825, (dated Idibus Maji a. mdcccxxv), 1 sheet (1 p.). *Copies*: HH, PH. – Announcement of the publication of the *Adumbr. pl.*, see below. Part 1 already published. – See also Schmid (1942) 3c.

10.743. *Adumbrationes plantarum* edidit D.F.L. de Schlechtendal ... Fasciculus i [-iv, vi(=v)] 1824-1832, 5 fasc. Qu. (*Adumbr. pl.*).
1: Mai 1825 (p. 1: Mai 1825; Notitia Id. Mai 1825 says: already published; publ. Easter 1825, Schl. Flora 8 (Beil. 1): 2-3. 1825, but preface Mai 1825), cover-t.p. (with above title), [1, h.t.], [1]-16, *pl. 1-6* (uncol. copp. C. Röthig). – h.t.: "Sectio prima. Adumbratio filicum in Promontorio Bonae Spei provenientium auctore D.F.L. de Schlechtendal". Often used as t.p. in copies bound without the original covers.
2: Jun-Dec 1825 (Linnaea Jan 1826), cover-t.p., p. 17-24, *pl. 7-12* (id.).
3: 1826 (Linnaea Oct-Dec 1826), cover-t.p., p. 25-32, *pl. 13-18* (id.).
4: 1827 (Linnaea Oct-Dec 1827), cover-t.p., p. 33-40, *pl. 19-24* (id.).
5: numbered "vi" on cover]: 1832, cover-t.p., p. 41-56, *pl. 25-30* (*id.*)*Copies*: FI, G, HH, MO, NY, PH, USDA. – See also Schmid (1942) 3c.
Ref.: Schlechtendal, D.F.L. von, Flora 8(2), Beil. 1: 2-3. Jul-Oct 1825 (announcement; name artist spelled "Rötnig"); Linnaea 1(1): 118. Jan 1826 (contents 1, 2), 1(4): 614. Oct-Dec 1826 (cont. fasc. 3), 2(4): 677. Oct-Dec 1827 (cont. fasc. 4).

10.744. *Linnaea.* Ein Journal für die Botanik in ihrem ganzen Umfange. Herausgegeben von D.F.L. von Schlechtendal, ... Berlin ([1-2:] Bei Ferdinand Dümmler) 1826-1882,43 vols. Oct. (*Linnaea*).
Editors: D.F.L. von Schlechtendal, vols. 1-34, 1826-1866; Christian August Friedrich Garcke (1819-1904), vols. 35-43, 1867-1881.
Title development: 1-16 as above; 17-34 *Linnaea.* Ein Journal für die Botanik in ihrem ganzen Umfange ... Oder Beiträge zur Pflanzenkunde ..."; 35-43, *Linnaea*, ... Pflanzenkunde, Neue Folge Erster Band [-Band ix].
Imprints: 1-2: Berlin bei Ferdinand Dümmler.
3-4: Berlin ... Bei Ludwig Oehmigke.
5-8: Berlin ... Gedruckt auf Kosten des Herausgebers. In Commission bei [L.] Oehmigke.
9-24: Halle ... Gedruckt auf Kosten des Herausgebers. In Commission bei C.A. Schwetschke und Sohn.
25-34: Halle ... C.A. Schwetschke und Sohn (M. Bruhn in Braunschweig).
35-36: Berlin ... Gedruckt auf Kosten des Herausgebers. In Commission bei Wiegandt u. Hempel in Berlin.
37-39: Berlin ... Wiegandt, Hempel & Parey in Berlin.

40-41: Berlin ... Gedruckt auf Kosten des Herausgebers.
42: Berlin ... Herausgebers. In Commission bei Wiegandt, Hempel & Parey in Berlin.
43: Berlin ... Herausgebers. In Commission bei Paul Parey in Berlin.

1: 1826 (dates in this table are those on t.p.'s; for actual dates see dates in table below), p. [i]-iv, [1]-677, *pl. 1-7* (copp., 5 col., 2 uncol.).
2: 1827, p. [i]-iv, [1]-738, *pl. 1-8* (copp.; 3 col.).
3: 1828, p. [i]-iv, [1]-114, Lit. [1]-38, [Heft 2:] [115]-198, Lit. [39]-114, [Heft 3:] [199]-308, Lit. [115]-164, [Heft 4:] [309]-440, Lit. [165]-188, *pl. 1-3* (uncol. copp.). – Has a special t.p. for the Literature section: *Litteratur-Bericht zur Linnaea* für das Jahr 1828.
4: 1829, p. [i]-iv, [1]-128, Lit. [1]-48, [Heft 2:] [129]-288, [Heft 3:][289]-434, Lit. [49]-70, [Heft 4:] [435]-596, Lit. [71]-76, *pl. 1-5* (copp., some col.).
5: 1830, p [i]-iv, [1]-756, *pl. 1-11* (p.p. col. copp.), Literatur-Bericht zur Linnaea für das Jahr 1830: [i], [1]-214.
6: 1831, p. [i]-iv, [1]-796, *pl. 1-9* (copp., no. 9 col.), Litteratur-Bericht ... 1831: [i], [1]-158.
7: 1832, p. [i]-iv, [1]-787, *pl. 1-15* (3 col.), Litteratur-Bericht ... 1832: [i], [1]-126.
8: 1833, p. [i]-iv, [1]-681, *pl. 1-19*, Litteratur-Bericht ... 1833: [i], [1]-206.
9: 1835, p. [i]-iv, [1]-757, *pl. 1-7* Litteratur-Bericht ... 1834: [i], [1]-174.
10: 1836, p. [i]-vi, [1]-758, *pl. 1-5* (p.p. col.), Litteratur-Bericht ... 1835-1836: [i], [1]-220.
11: 1837, p. [i]-vi, [1]-727, [728, err.], *pl. 1-14* (p.p. col.), Litteratur-Bericht ... 1837: [i], [1]-238.
12: 1838, p. [i]-iv, [1]-699, *pl. 1-7*, Litteratur-Bericht ... 1838: [i], [1]-254.
13: 1839, p. [i]-iv, [1]-744, *pl. 1-2, 13, 4-7*, Litteratur-Bericht ... 1839: [i], [1]-245.
14: 1840, p. [i-iii], [1]-727, *pl. 1-7* (p.p. col.), Litteratur-Bericht ... 1840: [i], [1]-270.
15: 1841, p. [i]-iv, [1]-780, *pl. 1-5*, Anem. tab. *1-7*, Litteratur-Bericht ... 1841, p. [i], [1]-174.
16: 1842, p. [i]-vi, [1]-591, *pl. 1-17*, Litteratur-Bericht ... 1842: [1], [1]-350.
17: 1843, p. [i]-iv, [1]-763, *pl. 1-20*. – The Litteratur-Bericht ceased with vol. 16, from 1843 the literature is covered by the *Botanische Zeitung* of which Schlechtendal became the main editor.
18: 1844, p. [i]-iv, [1]-774, *pl. 1-11*.
19: 1847, p. [i]-iv, [1]-765, *pl. 1-7*.
20: 1847, p. [i]-iv, [1]-781, *pl. 1-3*.
21: 1848, p. [i]-iv, [1]-780, *pl. 1-6*.
22: 1848, p. [i]-iv, [1]-898, [899], *pl. 1-5*.
23: 1850, p. [i]-iv, [1]-770, *pl. 1-4*.
24: 1851, p. [i]-iv, [1]-804.
25: 1852, p. [i]-iv, [1]-772, *pl. 1-2*.
26: 1853, p. [i]-iv, [1]-807, *pl. 1-3*.
27: 1854, p. [i]-iv, [1]-799.
28: 1856, p. [i]-iv, [1]-767, *pl. 1-2*.
29: 1857 u. 1858, p. [i]-iv, [1]-764, *pl. 1-5* (p.p. col.).
30: 1859 u. 1860, p. [i]-iv, [1]-779.
31: 186 u. 1862, p. [i]-iv, [1]-751, *pl. 1-6*.
32: 1863, p. [i]-iv, [1]-801, *pl. 1-3*.
33: 1864 u. 1865, p. [i]-iv, [1]-770, *pl. 1-3*.
34: 1865 u. 1866, p. [i]-iv, [v], [1]-752 [the note on p. [v] is by A. Garcke, stating that he will edit Linnaea from vol. 35 onward. Schlechtendal died 12 Oct 1866.
35 (ser. 2. 1): 1867 u. 1868, p. [i]-iv, [1]-637, *pl. 1-22*.
36 (ser. 2. 2): 1869 u. 1870, p. [i-iii], [1]-790.
37 (ser. 2. 3): 1871 bis 1873, p. [i-iii], [1]-663.
38 (ser. 2. 4): 1874, p. [i-iii], [1]-753.
39 (ser. 2. 5): 1875, p. [i-iii], [1]-526, *pl. 1-4*.
40 (ser. 2. 6): 1876, p. [i-iii], [1]-468, *pl. 1-4*.
41 (ser. 2. 7): 1877, p. [i-iii], [1]-655.
42 (ser. 2. 8): 1878 u. 1879, p. [i-iii], [1]-667.
43 (ser. 2. 9): 1880 bis 1882, p. [i]-xxiii, [1]-554, *pl. 1-2*. – Pages v-xxiii constitute an alphabetic list of contents of all 43 volumes.
Copy (on which the above analysis is based): U; IDC 192.

vol.	Heft	pages	dates t.p.	dates of Heft (H = Hinrichs)
1			1826	
	1	1-165		Jan 1826
	2	166-332		Apr 1826
	3	333-511		Aug-Oct 1826
	4	512-677		Oct-Dec 1826
2			1827	
	1	1-144		Jan 1827
	2	145-276		Apr 1827
	3	277-540		Aug-Oct 1827
	4	541-738		Oct-Dec 1827
3			1828	
	1	1-114		Jan 1828
	2	115-198		Apr 1828
	3	199-308		Mai-Sep 1828
	4	309-440		Oct 1828
4			1829	
	1	1-128		Jan 1829
	2	129-288		Apr 1829
	3	289-450		Jul 1829
	4	451-596		post Oct 1829
5			1830	
	1	1-176		Jan 1830
	2	177-337		Apr 1830
	3	338-496		Jul 1830
	4	497-688		Oct 1830
	5	689-756		1830
6			1831	
	1	1-208		post Mar 1831
	2	209-384		Jul-Dec 1831
	3	385-544		Jul-Dec 1831
	4	545-736		Jul-Dec 1831
	5	737-796		Jul-Dec 1831
7			1832	
	1	1-144		
	2	145-272		
	3	273-400		
	4	401-560		
	5	561-688		ante Feb 1832
	6	689-778		Mar-Apr 1833
8			1833	
	1	1-112		
	2	113-256		
	3	257-384		
	4	385-512	post Jul 1833	
	5	513-624	1834	
	6	625-684		
9			1834(1835)	
	1	1-144		22-28 Jun 1834(H)
	2	145-272		
	3	273-402		
	4	403-514		1835 prim.
	5	515-642		post Feb 1835
	6	643-758		
10	1	1-128	1836	13-19 Sep 1835(H)
	2	129-224		Dec 1835
	3	225-368		Feb-Mar 1836
	4	369-464		Mai 1836

vol.	Heft	pages	dates t.p.	dates of Heft (H = Hinrichs)
	5	465-608		Jul (or early Aug) 1836
	6	609-728		Nov 1836
11			1837	
	1	1-128		25-31 Dec 1836
	2	129-256		Mar 1837
	3	257-432		Apr-Mai 1837
	4	433-544		Mar-Oct 1837
	5	545-608		Oct 1837
	6	609-728		Nov 1837-Feb 1838
12			1838	
	1	1-128		11-17 Mar 1838(H)
	2	129-256		Mar-Jul 1838
	3	257-352		Apr-Sep 1838
	4	353-496		Apr-Sep 1838
	5	497-576		Nov 1838
	6	577-700		Dec 1838-Jan 1839
13			1839	
	1	1-112		17-23 Mar 1839(H)
	2	113-272		Sep-Oct 1839
	3	273-336		Oct-early Nov 1839
	4	337-448		Oct-Dec 1839
	5	449-560		prob. Feb 1840
	6	561-744		Mar-Jun 1840
14			1840	
	1	1-160		5-11 Jul 1840(H)
	2	161-240		Oct-early Nov 1840
	3	241-304		Oct-early Nov 1840
	4	305-384		Oct-early Nov 1840
	5	385-528		Jan-Feb 1841
	6	529-728		Mar 1841
15			1841	
	1	1-160		Apr 1841
	2	161-288		Mar-Dec 1841
	3	289-384		Jun-Dec 1841
	4	385-480		Aug 1841-Jan 1842
	5	481-704		Feb 1842
	6	705-780		Feb-Mar 1842
16			1842	
	1	1-112		Mar 1842
	2	113-224		Apr-Jul 1842
	3	225-336		Jul-early Aug 1842
	4	337-400		Aug-Nov 1842
	5	401-512		Dec 1842
	6	513-593		Mar 1843
17			1843	
	1	1-128		26-28 Apr 1843(H)
	2	129-256		Aug-Oct 1843
	3	257-384		prob. Jan 1844
	4	385-512		prob. Feb-Apr 1844
	5	513-640		Mai 1844
	6	641-764		Jun 1844
18			1844	
	1	1-128		24-26 Oct 1844(H)
	2	129-256		Jan 1845
	3	257-384		Feb(-Mai?) 1845
	4	385-512		Jun 1845
	5	513-640		prob. Aug 1845

vol.	Heft	pages	dates t.p.	dates of Heft (H = Hinrichs)
	6	641-774		Aug-Oct 1845
19			1847	
	1	1-128		14-16 Jan 1846(H)
	2	129-256		Feb 1846
	3	257-384		Jul 1846
	4	385-512		Dec 1846
	5	513-640		Feb 1847
	6	641-765		Apr 1847
20			1847	
	1	1-128		17-18 Mai 1847(H)
	2	129-256		Jun 1847
	3	257-384		Jun 1847
	4	385-512		Aug 1847
	5	513-640		Oct 1847
	6	641-781		Dec 1847
21			1848	
	1	1-128		Feb 1848(H: 8-11 Mar)
	2	129-256		Apr 1848
	3	257-384		Jul 1848
	4	385-512		Aug 1848
	5	513-640		Oct 1848
	6	641-780		Jan 1849
22			1849	
	1	1-128		Mar 1849(H: 4-7 Apr)
	2	129-256		Jun 1849
	3	257-384		Jul 1849
	4	385-512		Aug 1849
	5	513-640		Sep 1849
	6	641-768		Dec 1849
	7	769-898		Mai 1850
23			1850	
	1	1		Feb 1850(H: 4-5 Mar)
	2	129-256		Mai 1850
	3	257-384		Jul 1850
	4	385-512		Aug 1850
	5	513-640		Oct 1850
	6	641-770		Jan 1851
24			1851	
	1	1-128		Mai 1851(H: 4-7 Jun)
	2	129-256		Jul 1851
	3	257-284		Sep 1851
	4	385-512		Nov 1851
	5	513-640		Jan 1852
	6	641-804		Jun 1852
25			1852	
	1	1-128		Jun 1852
	2	129-256		Dec 1852
	3	257-384		Feb 1853
	4	385-512		Apr 1853
	5	513-640		Jun 1853
	6	641-772		Dec 1853
26			1853	
	1	1-128		Feb 1854
	2	129-256		Apr 1854
	3	257-384		Aug 1854
	4	385-512		Feb 1855
	5	513-640		Mai 1855

vol.	Heft	pages	dates t.p.	dates of Heft (H = Hinrichs)
	6	641-807		Sep 1855
27			1854	
	1	1-128		Nov 1855
	2, 3	129-384		Jan 1856
	4	385-512		Feb 1856
	5	513-640		Apr 1856
	6	641-799		Aug 1856
28				
	1	1-128	1856	Aug 1856
	2	129-256		Sep 1856
	3	257-384		Jan 1857
	4	385-512		Jun 1857
	5	513-640		Aug 1857
	6	641-767		Feb 1858
29			1857/1858	
	1	1-128		Feb-Mar 1858
	2	129-256		Jun 1858
	3	257-384		Sep 1858
	4	385-512		late 1858 or early 1859
	5	513-640		Jan-Mai 1859
	6	641-764		post Apr 1859
30			1859/1860	
	1	1-128		post Apr 1859
	2	129-256		post Apr 1859
	3	257-384		
	4	385-512		
	5	513-640		
	6	641-777		Mar 1861
31			1861/1863	
	1	1-128		
	2	129-256		
	3	257-384		
	4	385-512		
	5	513-640		
	6	641-744		Jan-Feb 1863
32			1863	
	1	1-128		Mar 1863
	2	129-256		Jun 1863
	3	257-384		Sep 1864
	4, 5	385-640		Jan 1864
	6	641-784		Feb 1864
	register	786-801		Mai 1864
33			1864/1865	
	1	1-128		Mai 1864
	2	129-256		Aug 1864
	3, 4	257-512		Dec 1864
	5	513-640		Mar 1865
	6	641-770		Jun 1865
34			1865/1866	
	1	1-128		Mar 1865
	2	129-256		Jul 1865
	3	257-384		Sep 1865
	4	385-512		Dec 1865
	5	513-640		Feb 1866
	6	641-752		Dec 1866
35			1867/1868	
	1	1-128		Apr 1867

vol.	Heft	pages	dates t.p.	dates of Heft (H = Hinrichs)
	2	129-256		Jul 1867
	3, 4	257-384		Dec 1867
	5	385-512		Mar 1868
	6	513-637		Nov 1868
36			1869/1870	
	1	1-128		Mai 1869
	3	129-256		Sep 1869
	3	257-384		Jan 1870
	4	385-512		Apr 1870
	5	513-640		Sep 1870
	6	641-790		Dec 1870
37			1871/1873	
	1	1-128		Feb 1871
	2	129-256		Apr 1872
	3	257-416		Jul 1872
	4, 5	417-544		Oct 1872
	6	545-663		Sep 1873
38			1874	
	1	1-128		Dec 1873
	2	129-256		Jan 1874
	3	257-384		Mai 1874
	4	385-512		Jul 1874
	5	513-640		Aug 1874
	6	641-753		Dec 1874
39			1875	
	1	1-128		Feb 1875
	2,3	129-256		Jun 1875
	4	257-324		Jul 1875
	5	325-448		Aug 1875
	6	449-526		Oct 1875
40			1876	
	1	1-96		Jan 1876
	2,3	97-192		Apr 1876
	4	193-288		Mai 1876
	5	289-384		Aug 1876
	6	385-468		Dec 1876
41			1877	
	1	1-112		Dec 1876
	2	113-192		Feb 1877
	3	193-288		Apr 1877
	4	289-384		Aug 1877
	5, 6	385-576		Oct 1877
	7	577-655		Feb 1878
42			1878/1879	
	1	1-112		Feb 1878
	2	113-192		Mar 1878
	3	193-288		Apr 1879
	4	289-384		Jun 1879
	5	385-480		Jul 1879
	6, 7	481-667		Oct 1879
43			1880/1882	
	1	1-66		Jul 1880
	2	67-138		Jan 1881
	3, 4	139-252		Jul 1881
	5, 6	253-486		Feb 1882
	7	487-554, i-xxiii		Mai 1882

Continuation: Jahrbuch des Königlichen Botanischen Gartens und des Botanischen Museums zu Berlin 1-5, 1881-1889. For the successors of this *Jahrbuch* see e.g. Englera 1: 183-184 (Notizblatt, Mitteilungen, Willdenowia). *Linnaea* was never an official publication of the Berlin Botanical Museum, but the second series, under Garcke, had virtually become a Berlin journal.

Ref.: Foster, R., J. Arnold Arb. 43: 400-409. 1962.
Kuntze, O., Rev. gen. pl. 3(2): 158-159. 1898.
McVaugh, R., Taxon 5: 134-135. 1956.
Moore, H. & C. Wood, J. Arnold Arb. 46: 68-73. 1965.
Stafleu, F.A., Wentia 16: 90-91.1966, TL-1: 419-424. 1967.
Steenis-Krusemann, M.G. v., Fl. males. ser. 1. 4(5): cxcviii-cxcix. 1954, Fl. males. Bull. 17: 607. 1962, 19: 1143. 1964, 20: 1275. 1965.
Svenson, H.K., Rhodora 41: 313. 1939.
Urban, I., Bot. Jahrb. 19: 562. 1894.

10.745. *Florae insulae Sti. Thomae Indiae occidentalis* concinnata a D.F.L. de Schlechtendal. [Linnaea 3(3)-6(5), 1828-1831]. Oct.

Publ.: in *Linnaea* as follows:
[1] *in* 3(3): 251-276. Mai-Sep 1828.
[2] *in* 4(1): 78-93,. Jan 1829.
[3] *in* 5(2): 177-200. Apr 1830.
[4] *in* 5(4): 682-688. Oct 1830.
[5] *in* 6(4): 722-736. Jul-Dec 1831.
[6] *in* 6(5): 737-773. Jul-Dec 1831.

10.746. *Flora von Deutschland* herausgegeben von D.F.L. von Schlechtendal, ... und Dr. Ernst Schenk, ... Jena (Druck und Verlag von Friedrich Mauke) [1840-] 1841-1873. 24 vols. (*Fl. Deutschl.*).

Co-author: 1-19 (-24?) Ernst Schenk (1796-1859), 6-19 (-24?) Christian Eduard Langethal (1806-1878).

Ed. [*1*]: 24 vols., 1840-1873 in volumes published in 12 Hefte each, *10 pl.* with text per Heft, in all *2880 pl. Copies*: HH (1-20), M (1-18). – No complete volume seen. Our data are incomplete. The analysis of the HH copy is as follows:
1: [1840]-1841, p. [i]-xii, [xiii-xvi, prospectus], [1]-14, *120 pl.* with text (col. copp.).
2: [1841]-1842, p. [i]-xii, *120 pl.* id.
3: 1842]-1843, p. i-xii, *120 pl.* id.
4: 1844 (t.p.), p. [i]-xii, *120 pl.* id.
5: 1845 (t.p.), p. [i]-xii, *120 pl.* id.
6: 1846 (t.p.), p. [i]-xii, *120 pl.* id.
7: 1846-1847, p [i]-xii, *120 pl.* id.
8: s.d., p. [i]-xii, *120 pl.* id.
9: s.d., p. [i]-xii, *120 pl.* id.
10: 1851, p. [i]-xii, *120 pl.* id.
11: 1852, p. [i]-xii, *120 pl.* id.
12: 1853, p. [i]-xii, *120 pl.* id.
13: 1855, p. [i]-xii, *102 pl.* id., issued in double Hefte of 20 pl. with text; this was continued in other vols.
14: 1856, p. [i]-xii, *120 pl.* id.
15: 1857, p. [i]-xii, *120 pl.* id.
16: 1859, p. [i]-xii, *120 pl.* id.
17: 1859, p. [i]-xii, *120 pl.* id.
18: 1861, p. [i]-xii, *120 pl.* id.
19: 1864, p. [i]-xii, *120 pl.* id.
20: [no t.p. seen], *120 pl.* id.
21-24: n.v. [21(11-12) 1869; 22(2-4) 1869; 24(1-2) 1872, 24(3-4) 1873].

Publication dates: We refrain from listing the scanty data so far obtained. Heft 1 of vol. 1 came out 4-10 Oct 1840 (Hinrichs).

Ed. 2: n.v., fide Nissen identical with *ed. 3*.

Ed. 3: 1845-1872, 22 vols., *2816 pl.*, see separate treatment below.

Ed. 4: 1849-1872, 17 vols., each of 16 Lief. with 8 pl. each, *2176 pl.*, n.v.

Ed. 5: edited by Ernst Hallier, 1880-1888, 30 vols., 236 Lief., *3470 pl.* (1-3283 + extra plates), see separate treatment below.
Note: editions 1, 2/3 and 4 came out separately but more or less parallel. Notes in *Bot. Zeitung* and *Hinrichs* (incomplete) give an indication of this parallelism. Our data are incomplete for all editions.

10.747. *Index seminum in horto academico halensi* 1838 *collectorum* [Halle 1838]. Qu. (*Ind. sem. hort. hal.* 1838).
1838: publ. Dec 1838 (p. 8), p. [1]-8. *Copy*: HH.
1840: publ. Jan 1841 (p. 7), p. [1]-7. *Copy*: HAL.
1844: publ. Jan 1845 (p. [8]), p. [1]-7, [8]. *Copy*: G. – *Adnotationes* on p. [8].
1845: publ. Feb 1846 (p. [8]), p. [1]-7, [8]. *Copy*: G. – *Adnotationes* on p. 7-8.
1846: publ. Jan 1847 (p. 8), p. [1]-8. *Copies*: G, HH. – *Adnotationes* on p. 7-8.
1848: publ. Jan 1849 (p. 8), p. [1-8. *Copies*: G, HH. – *Adnotationes* p. 8.
1849: publ. Jan 1850 (p. 8), p. [1]-8. *Copies*: G, HH. – *Adnotationes* p. 7-8.
1854: publ. Jan 1855 (p. 8), p. [1]-8. *Copies*: G, HH.

We have only seen a few of the seed lists of the Halle botanical garden published by von Schlechtendal. Several of these indexes contained descriptions of new taxa. These descriptions were sometimes reproduced in Linnaea or the Annales des Sciences naturelles. So far we have seen:
1839: Linnaea 14 (Litt.): 126-130. 1840 [or 1841].
1840: Linnaea 15 (Litt.): 94-96. 1841 [or 1842].
1841: Linnaea 16 (Litt.): 103-105. 1842 [or 1843].
1843: Linnaea 18(2): 158-161. Jan 1845.
1844: Linnaea 18(4): 506-508. Jun 1845.
1845: Linnaea 19(4): 400-402. Dec 1846.
1846: Ann. Sci. nat. ser. 3. 7: 191-192. 1847.
1848: Ann. Sci. nat. ser. 3. 11: 248-251. 1849.
1849: Ann. Sci. nat. ser. 3. 12: 360-363. 1849.
1850: Ann. Sci. nat. ser. 3. 14: 342-344. Dec 1850.

10.748. *Hortus halensis* tam vivis quam siccus iconibus et descriptionibus illustratus à D.F.L. de Schlechtendal ... Halis Saxonum [Halle] (apud C.A. Schwetschke et filium. Impensis auctoris editum). [1841-1853]. Qu. (*Hort. hal.*).
1: 20-26 Jun 1841 (cover p. 2: Mai 1841; Hinrichs 20-26 Jun 1841; PAW 11 Aug 1842), p. [i, iii], [1]-8, *pl. 1-4* (col. copp. Schumann).
2: 19-25 Sep 1841 (cover p. 2: Mai 1841, same text as on cover fasc. 1; Hinrichs 19-25 Sep 1841), p. 9-16, *pl. 5-8* (id.).
3: possibly 1853 (Bot. Zeit. 25 Nov 1853 rev.), p. 17-24, *pl. 9-12* (id.).
4: possibly never regularly issued, *pl. 13-16* are present (without text) at JE, M, PH.
5: 1853 (fide NI, PR), *pl. 17-20*, not seen by us.
Copies: B-S (1-3), FI (1-3), G (1-3), HAL (1-3), HH (1-3), LC (1-3), M (1-4), MO (1-3), NY (1-3), PH (fasc. 1-3 with text, fasc. 4 plates only).
We have seen no text of fasc. 4, 5 and no plates of fasc. 5. Copies may have some plates uncoloured.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 11: 836-838. 25 Nov 1853 (rev. fasc. 3).

10.749. *Flora von Deutschland* herausgegeben von D.F.L. von Schlechtendal, ... und Dr. Ernst Schenk, ... *Dritte Auflage.* Erster Band. Mit 128 colorirten Kupfertafeln. Jena (Druck und Verlag von Friedrich Mauke) [1843]-1845. Oct. (*Fl. Deutschl. ed. 3*).
Authors, editors, artist: Ernst Schenk (1796-1859) provided the plates (col. copper engr.); D.F.L. von Schlechtendal is listed as the senior author (in addition to Schenk) for vols. 1 and 2. From vol. 3, 1846 onward C.E. Langethal is listed as the second author. it is generally assumed (but we have no proof of this) that Schlechtendal actually wrote the texts for vols. 1 and 2, and little, if any, of the other volumes. Even so his name appears on the title pages of all volumes as senior author. The question of the real authorship remains unsolved.
Publ.: 22 volumes, each with 128 plates with text, published in Lieferungen of 8 plates (16 per volume, 2816 in all). According to Pritzel ed. 1 was published between 1840

and 1873 in 24 volumes, each volume in 12 Lief. of 10 plates. It seems possible that the book was issued in parallel editions(e.g. ed. 3, 1(2-5) came out 7-9 Sep 1843, fide Hinrichs); further information lacking. *Copies*: M, NY (some volumes have less than 128 plates; the t.p.'s, however, all call for 128 pl. We cite the composition of the NY copy with t.p.-dates. All plates are accompanied by text).
1: 1845, p. [i]-viii, [1]-14, *128 pl.*
2: 1845, p. [i]-viii, *126 pl.*
3: 1846, p. [i]-viii, *128 pl.*
4: 1846-1847, p. [i]-viii, *128 pl.*
5: 1848, p. [i]-viii, *128 pl.*
6: 1850, p. [i]-viii, *128 pl.*
7: 1850, p. [i]-viii, *128 pl.*
8: 1851, p. [i]-viii, *132 pl.*
9: 1851, p. [i]-viii, *128 pl.*
10: 1852, p. [i]-viii, *128 pl.*
11: 1854, p. [i]-viii, *126 pl.*
12: 1855, p. [i]-viii, *127 pl.*
13: 1857, p. [i]-viii, *128 pl.*
14: 1857, p. [i]-viii, *128 pl.*
15: 1859, p. [i]-viii, *128 pl.*
16: 1862, p. [i]-viii, *128 pl.*
17: 1864, p. [i]-viii, *128 pl.*
18: 1867, p. [i]-viii, *127 pl.*
19: 1871, p. [i]-viii, *128 pl.*
20: 1871, p. [i]-viii, *126 pl.*
21: 1872, p. [i]-viii, *123 pl.*
22: not in NY copy.

10.750. Viro perillustri Joh. Christ. Friderico Klug ... die xxvii. novbr. a. mdcccxlvii acceptis ante quinquaginta annos in Academia halensi summis in medicina honoribus gratulatur D.F.L. de Schlechtendal ... Inest *de Aseroës genere* dissertatio. c. tabula lithogr. Halae Saxonum [Halle] (typis Gebauerianis) [1847]. Qu. (*De Aseroës*).
Publ.: 27 Nov 1847 (Gersdorf Jan-Feb 1848; Bibl. Univ. Genève Jan 1848, Flora Jan 1848), p. [1]-15, *1 pl.* (uncol. lith.). *Copies*: FH(2), HAL, MO.
Ref.: Fürnrohr, A.E., Flora 32: 220-222. 14 Apr 1849 (rev.).

10.751. *Bemerkungen über die Gattung Hemerocallis* und deren Arten ... Halle (Druck und Verlag von H.W. Schmidt) 1854. Qu.
Publ.: 1854 (BSbF 10 Nov-31 Dec 1854; t.p. reprint 1854), p. [i], [1]-18. *Copies*: G, HH, NY, PH, WU. – Reprinted and to be cited from Abh. naturf. Ges. Halle 1(3): 1-18. 1853 (1854).

10.752. *Betrachtungen über die Zwergmandeln* und die Gattung Amygdalus überhaupt ... Halle (Druck und Verlag von H.. Schmidt) 1854. Qu.
Publ.: 1854 (BSbF 10 Nov-31 Dec 1854), p. [i], [1]-30. *Copies*: HH, M, MO, NY, PH, USDA, WU. – Reprinted and to be cited from Abh. naturf. Ges. Halle 2(1): 1-30. 1854 (volume: 1855; part 1: 1854).
Ref.: Anon., Bull. Soc. bot. France 2 (bibl.): 125-126. 1855 (rev.).

10.753. *Bemerkungen über Pontederia azurea* Swartz und die Familien-Verwandten ... Halle (Druck und Verlag von H.W. Schmidt) 1861. Qu. (*Bemerk. Pontederia azurea*).
Publ.: 1861 (t.p. preprint), p. [1]-30, *1 pl.* (col. lith.). *Copies*: G, HH, WU. – Preprinted from Abh. naturf. Ges. Halle 6: [149]-178, *1 pl.* 1862.
Ref.: Groenland, J., Bull. Soc. bot. France 8: 642-644. Mar 1862.

10.754. *Flora von Deutschland.* herausgegeben von den Professoren Dr. D.F.L. v. Schlechtendal, Dr. L.E. Langethal and Dr. Ernst Schenk, akademischer Zeichnenlehrer in Jena. *Fünfte Auflage.* Revidirt, verbessert und nach den neuesten wissenschaftlichen Erfahrungen bereichert von D. Ernst Hallier, ... Gera-Untermhaus (Verlag von Fr. Eugen Köhler) 1880-1888, 30 vols. and index. Oct. (*Fl. Deutschl. ed. 5*).

Editor and in part author of text: Ernst Hans Hallier (1831-1904), see TL-2/2: 30-31.
Publ.: 30 vols., 1880-1887 [1888], 236 Lieferungen, *3470 plates* (*1-3283* and extra plates).
Copies: BR, G, MO, NY, PH, U. – Most of the Lieferungen are mentioned in Nat. Nov., in part with contents.

1: 1880 (p. viii: Dec 1879), p. [i]-xliii, [1]-186, *pl. i-iv, 1-33, 34-1, 34-2, 35-78* (col. liths., based on Schenk's originals newly drawn and lithographed by Walther Müller, supervisor of printing G. Pabst).

2: 1880, p. [1]-139, *pl. v, 79-116, 117/118, 119/221, 122, 123/124, 125-137, 138/139, 140-157, 158-1, 158-2, 159.*

3: 1880, p. [1]-156, *pl. 161-170, 171-1, 171-2, 172-261, 262-1, 262-2, 263-277.*

4: 1880, p. [1]-198, [112]-115 index, *pl. 278-325, vi-vii, 326-370, 371-1, 371-2, 372-390.*

5: 1881, p. [1]-207, [208, impr.], *pl. viii, 391-471.*

6: 1881, p. [1]-186, *pl. 472, 473-1, 473-2, 474-538, 539-1, 539-2, 540-553.*

7: 1881, p. [1]-304, *pl. ix, 554-574, 576-594, 594-A, 595, 683.*

8: 1881, p. [1]-243, *pl. 684-729, 730-1, 730-2, 731-744, 745-1, 745-2, 746-765, 766-1, 766-2, 766-3, 766-4, 767-1, 767-2, 768-787, 788-1, 788-2, 789-798, 798*[*bis*], *799, 800-1, 800-2, 801* ["*798*"], *802, 803*, ["*800*"], *804-808.*

9: 1882, p. [1]-269, *pl. 809-846, 847A, 847B, 848-900, 901-1, 901-2, 902-911, 912A, 912B, 913-914.*

10: 1882, p. [i], [1]-202, *pl. 915, 916-1, 916-2, 917, 918-1, 918-2, 919-1, 919-2, 916-920, 921-1, 921-2, 922-1, 922-2, 923, 924-1, 924-2, 925-926, 927-1, 927-2, 927-3, 928-934, 935-1, 935-2, 936-943, 944-1, 944-2, 945-983.*

11: 1882, p. [i], [1]-276, *pl. 984-992, 993-1, 993-2, 994-1023, 1024-1, 1024-2, 1025-1041, 1042A, 1042B, 1043-1089, 1090-1, 1090-2.*

12: 1883, p. [i], [1]-382, *pl. 1091-1, 1092-2, 1093-1130, 1131-1, 1131-2, 1132, 1133-1/1133-2, 1134-1189, 1190-1, 1190-2, 1191-1242.*

13: 1883, p. [1]-224, *pl. 1244-1269, 1270-1, 1270-2, 1271-1283, 1284-1a, 1284-1b, 1284-2, 1284-3, 1285-1, 1285-2, 1286, 1287-1, 1287-2, 1288-1290, 1291-1, 1291-2, 1292-1304, 1305-1, 1305-2, 1306-1320.*

14: 1883, p. [1]-264, *pl. 1321, x, 1322-1326, 1327-1, 1327-2, 1408, 1408A, 1409-1418.*

15: 1883, p. [1]-230, *pl. 1419-1492, 1492B, 1493-1516.*

16: 1884, p. [1]-288, *pl. 1517-1528, 1528A, 1529-1542, 1542A, 1543-1610.*

17: 1884, p. [1]-374, *pl. 1611-1732, 1733-1, 1733-2, 1734-1742.*

18: 1884, p. [1]-404, *pl. 1743-1774, 1775-1, 1775-2, 1775-3, 1777-1, 1777-2, 1778-1, 1778-2, 1779-1796, 1797-1, 1797-2, 1798-1823, 1824-1, 1824-2, 1825-1827, 1828-1, 1828-2, 1829-1841, 1842-1, 1842-2, 1843-1878.*

19: 1884, p. [1]-302, *pl. 1879-1920, 1921-1, 1921-2, 1922, 1923-1, 1923-2, 1924-1932, 1932A, 1933, 1935-2003.*

20: 1885, p. [1]-228, *pl. 2004-2050, 2050-A, 2051-2087.*

21: 1885, p. [1]-304, *pl. 2088-2194.*

22: 1885, p. [1]-288, *pl. 2195-2292.*

23: 1885, p. [1]-336, *pl. 2292A, 2293-2331, 2332-1/2332-2, 2333-2404, 2405-1, 2405-2, 2406-2419.*

24: 1886, p. [1]-264, *pl. 2420-2525.*

25: 1886, p. [1]-352, *pl. 2526-2532, 2533-1, 2533-2, 2534-2538, 2539-1, 2539-2, 2540-2569, 2570-1, 2570-2, 2571, 2572-1, 2572-2, 2573-2611, 2612-1, 2612-2, 2613-2630, 2630-2b, 2631-2634.*

26: 1886, p. [1]-199, *pl. 2635-2705.*

27: 1886, p. [1]-392, *pl. 2707-2829, 2830A, 2830-B, 2831-2866.*

28: 1886, p. [1]-232, *pl. 2867-2954.*

29: 1887, p. [1]-436, *pl. 2955-2956, 2956-A, 2958-2984, 2984A, 2985-2991, 2991A, 2992-2995, 2995*[*bis*], *2996-3000, 3000A, 3001, 3001A, 3002-3009, 3009A, 3010-3102.*

30: 1887 [1888], p. [1]-456, [457-458, Nachwort], *pl. 3106-3200, 3201-1-3201-2, 3202-3211, 3212-1, 3212-2, 3213-3240, 3240-A, 3241-3283.*

General-Register: 1888, p. [i-ii], [1]-240. – The indexes for the individual volumes are sometimes lacking.

The NY copy consists in part of a later, undated, re-issue "Jubiläums-Ausgabe" issued in 60 half-volumes, see below. Most of the *Lieferungen* are announced by Bot. Centralbl. and Bot. Zeit.; nos. 235-236 (final parts) came out Apr 1888.

Re-issue: 1892-1898 "Jubiläums-Ausgabe" in 60 half-volumes. *Copy*: NY. – Volumes not dated; vol. 1 publ. Sep 1892; Register publ. Sep 1898.
Re-issue: Cyperaceae et Gramineae: 1899-? (30 parts). (n.v.).

Schlechtendal, Diederich Friedrich Carl von (1767-1842), German (Kleve/Prussian) botanist; father of D.F.L. von Schlechtendal; judicial magistrate at Kleve until 1798; "Stadtgerichtsdirector" (municipal judiciary) in Berlin 1798-1814; subsequently in charge of the law courts at Minden, and, ultimately, Oberlandesgerichts-Präsident at Paderborn; Dr. phil. h.c. Berlin 1838. (*D.F.C. Schlechtend.*).

HERBARIUM and TYPES: Unknown; possibly in the herbarium of his son D.F.L. von Schlechtendal, q.v.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 523; Barnhart 3: 228 (b. 24 Sep 1767, d. 22 Feb 1842); PR alph., 10285, ed. 1: 11264.

BIOFILE: Anon., Flora 21: 143. 1838 (jubilee), 25: 256. 1842 (d.).
Schlechtendal, D.F.L. von, Linnaea 16(6): 513-522. 1842 (obit.).
Schmid, G., Chamisso als Naturforscher 18,172. 1942.
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EPONYMY: *Schlechtendalia* Willdenow (1803, *nom. rej.*); *Schlechtendalia* K.P.J. Sprengel. (1827).

Schlechtendal, Diederich [Dietrich] **Hermann Reinhard von** (1834-1916), German (Sachsen-born) entomologist, palaeontologist and plant pathologist; son of D.F.L. von Schlechtendal; state examiniation ordnance survey and geodesy 1868; "Markschneider" (surveyor of mines) at Zwickau 1869-1881; from 1881 in Halle as private scientist; assistant at the Halle mineralogical institute 1885-1913, also active as librarian. (*D.H.R. Schlechtend.*).

HERBARIUM and TYPES: Unknown; the cecidiological herbarium was acquired by the Royal Zoological Museum, Berlin.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 228 (d. Jul 1916); BM 4: 1837-1838; Bosserte p. 353; CSP 8: 862, 11: 314, 12: 657, 18: 526-527; DTS 1: 266; LS 23957; PH 364, 923; Quenstedt p.382; Rehder 5: 769-770.

BIOFILE: Anon., Deut. biogr. Jahrb. 1: 368. 1925 (d.); Deut. entom. Zeit. 1916: 364. (d.); Entom. Bl. Biol. Syst. Käfer 12: 290. 1916 (d.).
Taschenberg, O., Leopoldina 52: 55-60, 62-68. 1916, 53: 62-64. 1917 (detailed obit., bibl.) (also in Mitt. naturf. Ges. Halle 4: 44); Z. Naturw. 86: 321-336. 1917 (obit., bibl.).
Trotter, A., Marcellia 17: viii. 1919 (d.).

10.755. *Beiträge zur näheren Kenntniss der Braunkohlenflora Deutschlands* ... Halle a.S. (Max Niemeyer) 1897. Oct.
Publ.: 1897, p. [1]-28, *pl. 3-6* (uncol.). *Copy*: NY. – Reprinted and to be cited from Abh. naturf. Ges. Halle 21: 85-110, *pl. 3-6*. 1897.

10.756. *Die Gallbildungen* (Zoocecidien) der deutschen Gefässpflanzen. Eine Anleitung zur Bestimmung derselben ... Zwickau (Druck und Verlag von R. Zückler) 1891. Oct.
Publ.: Jul-Aug 1891 (p. 3: Easter 1891; Bot. Zeit. 25 Sep 1891; ÖbZ for Sep 1891; Nat. Nov. Sep(1) 1891), p. [i], [1]-122. *Copies*: FH. – Reprinted and to be cited from Jahresber. Ver. Naturk. Zwickau 1890: 1-122. 1891.
Supplements: in id. 1891: 1-10. 1892; 1895: 1-64.

10.757. *Thuja occidentalis thuringiaca* ... Stuttgart (E. Schweizerbart'sche Verlagshandlung (E. Naegele) 1902. Oct.
Publ.: 1902, cover-t.p., p. [33]-42, *pl. 1-3* (uncol., with text). – *Copy*: HH. – Reprinted and to be cited from Z. Naturw. 75: [33]-42. *pl. 1-3*. 1902.

Schlechter, [Friedrich Richard] Rudolf (1872-1925), German (Berlin/Prussian) botanist, botanical explorer and orchidologist; gardener at Berlin Botanical Garden until 1891; collected in S. Africa and Moçambique 1891-1895, 1896-1898; leader West-African Caoutchouk exp. 1899-1900, id. New Guinea, Indonesia, New Caledonia 1900-1903; Dr. phil. Berlin 1904 as student of Engler; to Cameroons 1904, Borneo and Sumatra 1906; Kaiser Wilhelmsland 1907-1909, until 1910 in Indonesia; from 1913 assistant (active service in World War I 1914-1918), from 1921-1925 curator at Berlin-Dahlem. (*Schlechter*).

HERBARIUM and TYPES: B (many types and some other (e.g. alcohol) material extant); a major set of his African collections is at K; other duplicates, p.p. including New Guinea collections, at A, AMD, AMES (impt. set), BAF, BAJ, BG, BM, BO, BOL, BPI, BR, C, CAL, CGE, COI, CR, DPU, E, EA, F, G, GB, GH, GRA,GRO, H, HAL, HBG, JE, K, KMG, L, LAU, LE, LY, M, MEL, MICH, MIN, MO, NH, NY, P (4500 nos.), PH, PR, PRE, S, SAM, SI, SRGH, STE, STU, U, UC, UPS, US, VT, W, WAG, WRSL, Z. – Early collections made with his younger brother Max Schlechter. For itineraries and titles of sets of duplicates distributed, see Loesener (1926). For Schlechter Orchid types at Berlin see Butzin (1978), for those at NSW and Genève (G) see Blaxell (1973, 1978), id. at PH (Ericaceae) see Mears (1976); for other Schlechter material extant at B see P. Hiepko (1978). – "He is said to have collected up to 100 duplicates on occasions" (Sunn & Codd, 1981). – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 502, 518; Barnhart 3: 228; Biol.-Dokum. 16: 8060-8064, BJI 1: 51, 2: 155-156; BL 1: 119, 317; BM 4: 1838, 8: 1152; Bossert p. 353; CSP 18: 527; Hortus 3: 1203; IH 1 (ed. 2): 130, (ed. 3): 167, (ed. 6): 364, (ed. 7): 342; Kew 4: 628-629; KR p. 625; Langman p. 681; MW p. 437, suppl. p. 308; NI 1772-1774, 3: 60; NW p. 57; PH 241; Plesch p. 399-400; Rehder 5: 770; RS p. 140; SK 1: clii, 470-472, 4: cxxviii, cxxxix, cxlvii, cli, 5: cccxviii, 8: lxxxvi, 86; TL-2/3565, 4239-4240, 7684, 8726, see R. Mansfeld; Tucker 1: 630-631; Zander ed. 10, p. 712, ed. 11, p. 812; Zep-Tim p. 99-100 (b. 16 Oct 1872, d. 15 Nov 1925).

BIOFILE: Ames, O., Amer. Orchid Soc. Bull. 2(2): 21. 1933 (tribute), 13(4): 105-106. 1944 (note on destr. of his herb. at B; much original material at AMES).
Anon., Gard. Chron. ser. 3. 79: 89-90. 1926 (obit. not.); Hedwigia 39: 112. 1900 (returned from Cameroons and Congo), 66: 55. 1926 (d.); J. Bot. Morot 9: 472. 1895 (new trip in S. Africa; plants distr. by K. Schumann); Nat. Nov. 23: 77. 1921 (app. "Kustos"); Österr. bot. Z. 75: 64. 1926 (d.); Verh. bot. Ver. Brandenb. 68: 279. 1926 (d.).
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COMPOSITE WORKS: (1) *Orchidaceae*, *in* J.R. Perkins, *Fragm. Fl. Philipp.* 1: 43-44. 1904.
(2) *Asclepidaceae*, *in* id., 2. 1904.
(3) *Microspermae*, *in* K.M. Schumann & K. Lauterbach, *Nachtr. Fl. deut. Schutzgeb. Südsee*, 1905, see TL-2/4239.
(4) Editor *Orchis* 1914-1919.
(5) *Asclepiadaceae*, *in* I. Urban, *Symb. ant.* 1(2): 236-290. 10 Apr 1899, 5: 468-470. Mai 1908, 7(3): 338-341. 1 Oct 1912, and *Orchidaceae-Ekman*, *in* 7: 492-498. Aug 1913, 9(1): 59-68. 1 Jan 1923.
(6) Collaborator, K. Lauterbach: *Beitr. Fl. Papuas.*, see TL-2/4240.
(7) With Gottfried Keller (1873-1945) and Károly Reszö Sóo (1903-1980): *Monogr. Iconogr. Orchid. Eur.* 1928-1942, 5 vols., see TL-2/3565.
(8) Contributed *Orchidaceae* and *Asclepiadaceae* to L.E.T. Loesener, *Pl. seler.*, see TL-2/4935.
(9) *Orchidaceae* (R. Schlechter). Separatabzug aus Herzog's bolivianischen Pflanzen. Leiden (Firma P.W.M. Trap) 1916, cover-t.p., p. 57-80. *Copy*: B. – Meded. Rijksherb. Leiden 29, 1916.
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For further contributions by Schlechter to work by others see Loesener (1926).

THESIS: *Pflanzengeographische Gliederung der Insel Neu-Kaledonien.* Inaugural-Dissertation der Friedrich-Wilhelms-Universität Berlin, Dec 1904, p. [1]-41; also in Bot. Jahrb. 36(1): 1-41. 28 Feb 1905.

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NOTE: R. Schlechter's brother Max (1874-1960) collected with him in South Africa 1896-1897, see Gunn & Codd (1981).

EPONYMY: *Rudolfiella* Hoehne (1944); *Schlechteranthus* Schwantes (1929); × *Schlechterara* L.A. Garay et H.R. Sweet (1966); *Schlechterella* K. Schumann (1900); *Schlechteria* Bolus (1897); *Schlechterianthus* Quisumbing (1930); *Schlechterina* Harms (1902); *Schlechterosciadium* H. Wolff (1921).

POSTAGE STAMPS: Papua and New Guinea 20 c. (1970) yv. 187.

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1: 22 Jun 1894, p. [1]-37. Bot. Jahrb. 18(4), Beibl. 45: 1-37.
2: 10 Mai 1895, p. [1]-44. Id. 20(4), Beibl. 50: [1]-44.
3/4: 28 Jun 1895, p. [1]-56. Id. 20(5), Beibl. 51: [1]-56.

10.759. *Contributions to South African Asclepiadology* ... Decas i[-iv]. [Reprinted from the "Journal of Botany" for September, 1894[-1895]]. Oct.
Dec. 1: Sep 1894, p. [1]-7. *Copies*: B, MICH. – Reprinted and to be cited from J. Bot. 32: 257-263. Sep 1894.
Dec. 2: Dec 1894, p. [1]-6. *Copies*: B, MICH. – Id. J. Bot. 32: 353-358. Dec 1894.
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Dec. 4: Dec 1895, no reprint seen. Id. J. Bot. 33: 353-359. Dec 1895.
See also his *Revision of extra-tropical South-African Asclepiadaceae*, in J. Bot. 34: 311-315, 417-421, 449-459. 1896, 35: 290-295. 1897, 36: 475-487. 1898.

10.760. *Beiträge zur Kenntniss neuer und kritischer Orchideen aus Südafrika* ... [Beiblatt zu den Botanischen Jahrbüchern Nr. 50 ... 1895]. Oct.
Publ.: 10 Mai 1895, p. [1]-44. Issued and to be cited from Bot. Jahrb. 20(4), Beibl. 50: 1-44. 10 Mai 1895 (but reprint cited Nat. Nov. 15-30 Mai 1895).

10.761. *Asclepiadaceae elliotianae* ... [Reprinted from the "Journal of Botany" for Oct. & Nov., 1895]. Oct.
Collector: George Francis Scott-Elliot (1862-1934).
Publ.: Oct-Nov 1895 (in journal), p. [1]-14, *pl. 351*. *Copies*: B, MICH. – Reprinted and to be cited from J. Bot. 33: 300-307. *pl. 351*. Oct 1895, 333-339. Nov 1895.

10.762. *Two new genera of Asclepiadaceae* ... [Reprinted from the "Journal of Botany" for November, 1895]. Oct.
Publ.: Nov 1895, p. [1]-2, *pl. 352*. *Copies*: B, MICH. – Reprinted and to be cited from J. Bot. 33: 321-322. *pl. 352*. Nov 1895. – *Symphytonema* and *Glossostelma* Schlechter, gen. nov.

10.763. *Asclepiadaceae Kuntzeanae* ... (Separat-Abdruck aus der "Oesterr. botan. Zeitschrift", Jahrg. 1895, Nr. 12).
Publ.: Dec 1895, p. [1]-6. *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 45: 449-454. Dec 1895.

10.764. *Die Drège'schen Asclepiadaceen im Ernst Meyer'schen Herbar* ... [Beibl. 54. Bot. Jahrb.]. 1896. Oct.
Publ.: 12 Mai 1896, p. [1]-19. – Issued in and to be cited from Bot. Jahrb. 21(5), Beibl. 54: [1]-19. 1896.

10.765. Appendix ii du Bulletin de l'Herbier Boissier. Tome iv. N° 6. Juin 1896. *Asclepiadaceae* ... [1896]. Oct.
Publ.: Jun 1896, p. [1]-7. *Copy*: B. – Reprinted and to be cited from Bull. Herb. Boiss. 4(6): 445-451. 1896.

10.766. *Revision of extra-tropical South-African Asclepiadaceae.* ... (Reprinted from the Journal of Botany. 1896-98. London: West, Newman & Co.) [1896-1898]. Oct.
Publ.: Jul 1896-Dec 1898 (in journal; reprint: 1898). *Copy*: B. – Reprinted and to be cited from J. Bot. 34: 311-315. Jul, 417-421. Oct, 449-456. Oct, 457-458. Nov 1896, 35: 290-295. Aug 1897, 36: 475-487. Dec 1898.

10.767. *Decades plantarum novarum austro-africanarum.* Decas i-ix, 1896-1898.
Publ.: A series of papers published in the Journal of Botany 34(1896)-36(1898) as follows:
1: *in* 34: 391-395. Sep 1896.
2: *in* 34: 500-504. Dec 1896, reprint p. [1]-5. *Copy*: B.
3: *in* 35: 218-222. Jun 1897, reprint p. [1]-5. *Copy*: B.
4: *in* 35: 279-283. Jul 1897, reprint p. [1]-5. *Copy*: B.
5: *in* 35: 340-345. Sep 1897, reprint p. [1]-6. *Copy*: B.
6: *in* 35: 428-433. Nov 1897, reprint p. [1]-6. *Copy*: B.
7: *in* 36: 23-28. Jan 1898, reprint p. [1]-5. *Copy*: B.
8: *in* 36: 314-318. Aug 1898, reprint p. [1]-5. *Copy*: B.
9: *in* 36: 373-378. Oct 1898, reprint p. [1]-6. *Copy*: B.

10.768. *Monographie der Disperideae* ... Genève (Imprimerie Romet, ...) 1898. Oct.
[*1*]: Oct 1898, p. [1]-22. – Reprinted and to be cited from Bull. Herb. Boissier 6(10): [800]-821. Oct 1898.
[*2*]: Nov 1898, p. [23]-36. – Id. 6(11): [846]-859. Nov 1898.
[*3*]: Dec 1898, p. [37]-87. – Id. 6(12): [905]-955. Dec 1898.
Copy: B.

10.769. *Revision der Gattung Holothrix* ... Separat-Abdruck a.d. "Oesterr. botan. Zeitschrift", Jahrg. 1898, Nr. 11 u. 12, Jahrg. 1899, Nr. 1. [1898-1899]. Oct.
Publ.: Nov 1898-Jan 1899 (in journal), p. [1]-16. *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 48: 413-416. Nov, 441-448. Dec 1898, 49: 17-21. Jan 1899.

10.770. *Acriopsis* Reinw. und ihre Stellung zu den Podochilinae ... Separatabdruck aus der "Oesterreichischen botanischen Zeitschrift", Jahrg. 1900, Nr. 7 und 8. [1900]. Oct.
Publ.: Jul-Aug 1900 (in journal), p. [1]-9. *Copy*: B. – Reprinted and to be cited from Österr. bot. Z. 50: 245-250. Jul, 286-290. Aug 1900.

10.771. *Monographie der Podochilinae* ... [Extrait des Mémoires de l'Herbier Boissier. 1900]. Oct.
Publ.: 15 Nov 1900, p. [1]-78. *Copy*: G. – Reprinted and to be cited from Mém. Herb. Boissier 21: 1-78. 15 Nov 1900.

10.772. Kolonial-Wirtschaftliches Komitee. *Westafrikanische Kautschuk-Expedition* ... 1899/1900 ... Berlin (Verlag des Kolonial-Wirtschaftlichen Komitees, ...) 1900. Oct. (*Westafr. Kautschuk-Exped.*).
Publ.: Dec 1900 (p. vi: Dec 1900), p. [i]-vi, [vii], [1]-326, *13 pl. Copies*: G, HH, MO, NSUB. – Beilage zum "Deutschen Kolonialblatt", xii. Jahrgang. Contains a list of plants collected on the expedition with descriptions.
Preliminary reports by Schlechter: Bericht 1-6, Kolon.-Wirtsch. Komitee: Kautschuk Exped. Westafrika 1: 1-7. 1899, 2: 1-4. 1899, 3: 1-14. 1900, 4: 1-7. 1900, 5: 1-9, [10]. 1900, 6: 1-10. *Copies*: B.
South Sea (*New Guinea*) *exploration*: Reiseberichte der Guttapercha und Kautschuk-Expedition, *in* Der Tropenpflanzer 5: 211-220, 318-329, 372-382, 457-471, 539-541. 1901, 6: 22-30, 213-234, 394-402. 1902, 7: 308-320. 1903. – Also reprinted as "Kolonial-Wirtschaftliches Komitee. Guttapercha und Kautschuk-Expedition nach den Südsee-Kolonien, Bericht i-viii (copies of nos. 1, 4, 8 at B).
Ref.: Neger, F.W., Bot. Centralbl. 87: 417-418. 11 Sep 1901 (rev.).

10.773. *Pflanzengeografische Gliederung der Insel Neu-Caledonien.* Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-

Wilhelms-Universität zu Berlin ... Tag der Promotion: 3. Dezember 1904. [Leipzig (Verlag von Wilhelm Engelmann) 1904]. Oct. (*Pfl.-geogr. Glied. Neu-Caled.*).
Publ.: 3 Dec 1904, p. [i]-iv, [1]-41, [42, vita]. *Copies*: B, HH, M, NSUB, NY. – Preprinted from Bot. Jahrb. 36(1): 1-41. 28 Feb 1905 (not in 35(1) as stated on p. [ii]). Followed by *Beitr. Kenntn. Fl. Neu-Kaled.*, Bot. Jahrb. 39: 1-274. 13 Feb and 8 Jun 1906.

10.774. *Neue Orchidaceen der Flora des Monsun-Gebietes* ... Extrait du Bulletin de l'Herbier Boissier, 2me série. – Tome vi (1906). N° 4. Oct.
Publ.: 31 Mar, 31 Mai 1906 (in journal), p. [1]-36. *Copy*: G. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 6: 295-310. 31 Mar, 453-472. 31 Mai 1906.

10.775. *Orchidaceae novae et criticae* ... Decas 1-79 [in Repert. Spec. nov.] 1906-1925. Oct.
Publ.: A series of 79 decades of new or critical Orchids, published in F. Fedde, Repert. Spec. nov. as follows:

Decas	Fedde vol.	pages	dates
1	2	82-86	20 Mar 1906
2	2	129-134	14 Apr 1906
3	2	166-171	15 Mai 1906
4	3	15-20	31 Jul 1906
5	3	45-51	25 Aug 1906
6	3	77-82	20 Sep 1906
7	3	106-111	15 Oct 1906
8	3	246-251	15 Jan 1907
9	3	276-280	31 Jan 1907
10	3	316-321	15 Feb 1907
11	8	453-458	10 Sep 1910
12/13	8	500-512	15 Oct 1910
14/15	8	561-572	15 Nov 1910
16/17	9	21-32	10 Dec 1910
18	9	161-166	10 Feb 1911
19	9	212-218	5 Mar 1911
20	9	281-287	1 Apr 1911
21	9	289-294	10 Mai 1911
22	9	337-342	10 Jun 1911
23/24	9	428-439	15 Aug 1911
25	10	248-254	31 Dec 1911
26	10	291-296	31 Jan 1912
27/28	10	352-363	20 Feb 1912
29/30	10	385-397	15 Mar 1912
31/33	10	445-461	10 Apr 1912
34	10	480-486	5 Mai 1912
35	11	41-47	1 Jul 1912
36	11	140-146	20 Oct 1912
37	12	104-109	25 Apr 1913
38	12	202-206	30 Mai 1913
39	12	212-216	25 Jun 1913
40/42	12	481-495	1 Nov 1913
43/46	14	114-133	15 Oct 1915
47/48	14	385-395	31 Dec 1916
49/50	15	49-59	31 Dec 1916
51/54	15	193-217	31 Oct 1918
55/57	15	324-340	31 Dec 1918
58	16	42-47	31 Aug 1919
59/63	16	103-131	15 Nov 1919
64	16	214-219	31 Dec 1919
65	16	353-358	31 Apr 1920
66/67	16	437-450	31 Jul 1920

68	17	12-18	1 Jan 1921
69	17	138-144	30 Jun 1921
70	17	267-272	31 Oct 1921
71/73	17	366-382	31 Dec 1921
74	18	321-326	31 Dec 1922
75/761	19	372-383	30 Apr 1924
77	19	378-384	31 Dec 1924
78/79	21	330-343	30 Sep 1925

Index dec. 1-50: *Orchidaceae novae et criticae*, Band i, Titel nebst Artenverzeichniss der in Feddes Repertorium 2-14 (1906-1918) erschienenen ersten 50 Decaden. Berlin (Selbstverlag des Verfassers) 1919.

Reprints (1): *Orchidaceae novae et criticae* auctore R. Schlechter. Separatabdrücke aus Feddes Repertorium ii-xvi (1906-1918). Band i. Berlin (im Selbstverlag des Verfassers) 1919. Oct., p. [i]-viii (iii-viii: Artenverzeichniss), followed by reprints of decades 1-57 with continuous pagination in handwriting, in all 328 p. *Copies*: AMES, B.

Reprints (2): The author's reprints issued at the time of publication in the journal have original pagination and an identifying headline on the first page or a cover-t.p. An almost complete set is at B (in addition to the above set); id. HH.

10.776. *Beiträge zur Kenntniss der Orchidaceen-Flora von Sumatra* ... [Beibl. 104, Bot. Jahrb.] 1911. Oct.

Publ.: 21 Feb 1911, p. [1]-61. – Issued in and to be cited from Bot. Jahrb. 45(3), Beibl. 104: [1]-61. 1911.

10.777. *Die Orchidaceen von Deutsch-Neu-Guinea* ... Dahlem bei Berlin (Verlag des Repertorium, ...) 1911-1914. Oct. (*Orch. Deut.-Neu-Guinea*).

Publ.: Jul 1911-Apr 1914 (14 Hefte, signatures dated), p. [ii*-iii*], [i]-ii, [i]-lxvii, [1]-1079. *Copies*: BR, MO, PH, U, USDA; IDC 746 (16-31). – Issued as Repert. Sp. nov. Beih. 1.

pages	dates	pages	dates	pages	dates
i-lxvi	31 Mar 1914	321-400	1 Apr 1912	721-800	1 Feb 1913
1-80	1 Jul 1911	401-480	1 Jun 1912	801-880	1 Mai 1913
81-160	1 Oct 1911	481-560	1 Aug 1912	881-960	1 Jul 1913
161-240	1 Dec 1911	561-640	1 Oct 1912	961-1039	1 Sep 1913
241-320	1 Feb 1912	641-720	1 Dec 1912	1041-1079	1 Apr 1914

Facsimile ed.: 1974, p. [i*-ii*], [i]-lxvii, [1]-1079. *Copy*: FAS. – Reprint by Otto Koeltz Antiquariat Koenigstein-Ts./B.R.D. Aug 1974, ISBN 3-87429-070-0. – Taxon 24: 386. 1975.

Figuren-Atlas: see below 1923, TL-2/10.788.

English translation: D.F. Blaxell ed., *The Orchidaceae of German New Guinea* (incorporating the figure atlas to the above). Translation from the German text von Die Orchidaceen ... by R. Schlechter ... The Australian Orchid Foundation, Melbourne 1982, ISBN 0-9595-384.3.7, p. [i-xix], 1-1180, 2 maps. *Copies*: FAS, NY (see Taxon 33: 154-156. 1983).

10.778. *Die Guttapercha- und Kautschuk-Expedition* des Kolonial-Wirtschaftlichen Komitees wirtschaftlicher Ausschuss der Deutschen Kolonialgesellschaft nach *Kaiser Wilhelmsland* 1907-1909 ... Berlin (Kolonial-Wirtschaftliches Komitee, ...) 1911. Oct. (*Guttapercha Kautschuk Exped. K. Wilhelmsl.*).

Publ.: Mai 1911 (p. vi: Mai 1911; Nat. Nov. Jun(2) 1911), p. [i]-vi, [vii], [1]-171, [172, colo.]. *pl. 1-7*, 3 maps. *Copies*: B, BR, HH, NY.

Note: For the reports on an earlier expedition of this kind to the "Süd-Kolonien" see above under *Westafr. Kautschuk-Exped. 1900*.

Ref.: Diels, L., Bot. Jahrb. 48 (Lit.): 29-30. 27 Aug 1912 (rev.).

10.779. *Orchidacées de Madagascar* Orchidacae [sic] Perrierianae madagascarienses ... Marseille (Musée Colonial ...), Paris (Augustin Challamel, ...) 1913. Oct. (*Orch. Madagascar*).
Publ.: 1913 (Nat. Nov. Mar(2) 1914), p. [1]-59, *pl. 1-24*. *Copy*: BR. – Reprinted and to be cited from Ann. Mus. col. Marseille ser. 3. 1: [148]-202. *pl. 1-24*. 1913.
Coll. secunda: Beih. Bot. Centralbl. 34(2): 294-341. 1 Dec 1916.

10.780. *Die Orchideen* ihre Beschreibung, Kultur und Züchtung Handbuch für Orchideenliebhaber, Kultivateure und Botaniker herausgegeben von Dr. Rudolf Schlechter ... Berlin (Verlagsbuchhandlung Paul Parey ...) 1914 [-1915]. Oct. (*Orchideen*).
Collaborators: O. Beyrodt, H. Janke, G. Lindau, A. Malmquist.
Publ.: 1914-1915, in 10 parts, p. [i]-viii, [1]-836, *pl. 1-12* (col. photos). *Copies*: BR, G, MICH, MO, NY, PH, USDA.

Lief.	Bogen	pages	dates
1	1-6	1-96	25 Apr 1914
2	7-11	97-176	8 Jun 1914
3	12-16	177-256	3 Jul 1914
4	17-21	257-336	22 Jul 1914
5	22-25	337-400	12 Sep 1914
6	26-31	401-496	10 Oct 1914
7-8	32-43	497-688	28 Nov 1914
9	44-47	689-752	20 Feb 1915
10	48-53	753-836, i-viii	15 Mar 1915

Title: The above title is that on the covers of parts 1-10; the final title-page, dated 1915 has: "*Die Orchideen* ... Handbuch für Orchideenliebhaber, Züchter und Botaniker ..."
Reviews vol. 1: Diels, L., Bot. Jahrb. 52 (Lit.): 11-12. 24 Nov 1914 (rev. Lief. 1-2), 62-63. 3 Aug 1915 (rev.); Irmscher, E., Bot. Centralbl. 129: 263-264. 1915; Lindau, G., Hedwigia 57: (42)-(43). 10 Sep 1915 (rev.).
Ed. 2: Oct-Nov 1927 (p. ix: Mar 1927; Nat. Nov. Dec 1927), p. [i]-xii, [1]-959, [960, err.], *pl. 1-16* (col.). *Copies*: G, HH, NY, USDA. – Zweite neubearbeitete Auflage herausgegeben von Emil Miethe (1873-1932).
Ed. 3: 1970-x, in 18 parts, ISBN 3-489-78322-0, in 2 vols. "3., völlig neubearbeitete Auflage ..." Editors: F.G. Brieger, R. Maatsch, K. Senghas. *Copies*: BR, FAS, G, NY, PH. – For details see notices in Taxon.

10.781. *Orchideologiae sino-japoniceae prodromus*. Eine kritische Besprechung der Orchideen Ost-Asiens ... Dahlem bei Berlin. Verlag des Repertoriums, ... 1919. Oct. (*Orchideol. sino-jap. prodr.*).
Publ.: 15 Jun 1919, p. [i-iv], [1]-319. *Copies*: BR, G, MO, PH, U, USDA; IDC 746 (36-41). – Issued as Beiheft 4, Repert. Sp. nov. Regn. veg. 1919.
Facsimile ed.: 1974, announced but not yet(?) published.

10.782. *Die Orchideenfloren der südamerikanischen Kordillerenstaaten* ... i. *Venezuela* ... Dahlem bei Berlin (Verlag des Repertoriums, ...) 1919. Oct. (*Orch. Fl. Kordill.-St., Venezuela*).
Publ.: 15 Oct 1919, p. [i]-iv, [1]-100. *Copies*: BR, G, MO, NY, PH, U, USDA; IDC 746 (46-63). – Issued as Beiheft 6, Repert. Sp. nov. Regn. veg., 1919.
Facsimile ed.: Aug 1974, p. [i]-iv, [1]-100. *Copies*: FAS, NY. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D., ISBN 3-87429-072-7.
Ref.: Krause, K., Bot. Jahrb. 56 (Lit.): 16. 1920 (rev.).

10.783. *Die Orchideenfloren der südamerikanischen Kordillerenstaaten* ... ii. *Colombia* ... Dahlem bei Berlin (Verlag des Repertoriums, ...) 1920. Oct. (*Orch.-fl. Kordill.-St., Colombia*).
Publ.: 31 Jan 1920, p. [i]-iv, [1]-301. *Copies*: BR, G, MO, NY, PH, U, USDA; IDC 746 (46-63). – Issued as Beiheft 7, Repert. Sp. nov. Regn. veg.

Facsimile ed.: Aug 1974, p. [i]-iv, [1]-301. *Copies*: FAS, NY. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1974, ISBN 3-87429-073-5.
Ref.: Krause, K., Bot. Jahrb. 56 (Lit.): 33. 1921 (rev.).

10.784. *Die Orchideenfloren der südamerikanischen Kordillerenstaaten* ... iii. *Ecuador* ... Dahlem bei Berlin (Verlag des Repertorium, ...) 1921. Oct. (*Orch.-fl. Kordill.-St., Ecuador*).
Publ.: 1 Mai 1921, p. [i]-iv, [1]-172. *Copies*: BR, G, MO, NY, PH, U, USDA; IDC 746 (46-63). – Issued as Beiheft 8, Repert. Sp. nov. Regn. veg.
Facsimile ed.: 1977, p. [i]-iv, [1]-172. *Copies*: FAS, NY. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1974, ISBN 3-87429-121-9.

10.785. *Die Orchideenfloren der südamerikanischen Kordillerenstaaten* ... iv. *Peru* ... Dahlem bei Berlin (Verlag des Repertorium, ...) 1921. Oct. (*Orch.-Fl. Kordill.-St., Peru*).
Publ.: 1 Sep 1921, p. [i]-iv, [1]-182. *Copies*: BR, G, MO, NY, PH, U, USDA; IDC 746 (46-63). – Issued as Beiheft 9, Repert. Sp. nov. Regn. veg. 1921.
Facsimile ed.: 1977, p. [i]-iv, [1]-182. *Copies*: FAS, NY. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1977, ISBN 3-87429-122-7.

10.786. Beiträge zur Orchideenkunde von Zentralamerika. i. *Orchidaceae powellianae panamenses* ... Dahlem bei Berlin (Verlag des Repertoriums, ...) 1922. Oct. (*Orch. powell. panam.*).
Collector: Charles W. Powell (1854-1927), American orchid collector who had a garden on Ancor Hill, Balboa, Panama.
Publ.: 30 Dec 1922, p. [1]-95. *Copies*: BR, G, MO, PH, U, USDA; IDC 746 (91-93). – Issued as Beiheft 17, Repert. Sp. nov. Regn. veg. 1922.
Facsimile ed.: 1980, as orig., in combination with ii. *Addit. orchideol. costaric.* with a combined t.p. Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1980, ISBN 3-87429-181-2. *Copies*: FAS, NY.

10.787. *Die Orchideenfloren der südamerikanischen Kordillerenstaaten* ... v. *Bolivia* ... Dahlem bei Berlin (Verlag des Repertorium, ...) 1922. Oct. (*Orch.-Fl. Kordill.-St., Bolivia*).
Publ.: 31 Mai 1922, p. [i]-vi, [vii], [1]-80. *Copies*: BR, G, MO, NY, PH, U, USDA; IDC 746 (46-63). – Issued as Beiheft 10, Repert. Sp. nov. Regn. veg. 1922.
Facsimile ed.: 1977, p. [i]-vi, [vii], [1]-80. *Copies*: FAS, NY. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1977, ISBN 3-87429-123-5.

10.788. *Figuren-Atlas zu den Orchidaceen von Deutsch-Neu-Guinea* ... Dahlem bei Berlin (Selbstverlag, ...) 1923-1928. Oct. (*Fig.-Atlas Orch. Deut.-Neu-Guinea*).
Publ.: in parts. 1923-1928, p. [i-v], *pl. 1-372*. *Copies*: BR, G, U, USDA; IDC 746 (110-120). – Issued as Beih. 21, Repert. Sp. nov. Regn. veg.
1: *pl. 1-24*. 31 Mar 1923.
2: *pl. 25-96*. 1925.
3: *pl. 97-372*. Dec 1928, edited by Rudolf Mansfeld (1901-1960).
Facsimile : 1972, Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D.
Note: Figures also reproduced in *The Orchidaceae of German New Guinea*, see above under Orch. Deut.-Neu-Guinea 1911-1914.

10.789. Beiträge zur Orchideenkunde von Zentralamerika. ii. *Additamenta ad orchideologiam costaricensem* ... Dahlem bei Berlin (Verlag des Repertoriums, ...) 1923. Oct. (*Addit. orchideol. costaric.*).
Publ.: 25 Nov 1923, p. [1]-307. *Copies*: BR, G, PH, U, USDA; IDC 746 (94-104). – Issued as Beiheft 17, Repert. Sp. nov. Regn. veg., 1923.
Facsimile ed.: 1980, as orig., in combination with i. *Orch. powell. panam.* with a combined t.p. Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1980. ISBN 3-87429-181-2.

10.790. *Beiträge zur Orchideenkunde von Colombia* Dahlem bei Berlin (Verlag des Repertoriums, ...) 1924. Oct. (*Beitr. Orch.-Kunde Colombia*).
Publ.: 31 Jan 1924, p. [1]-183. *Copies*: BR, G, MO, PH, U, USDA; IDC 746 (132-134). – Issued as Beih. 27, Repert. Sp. nov. Regn. veg., 1924.

Facsimile ed.: 1980, p. [1]-183. *Copy*: FAS. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1980. ISBN 3-87429-182-0.

10.791. *Die Orchideenflora von Rio Grande do Sul* ... Dahlem bei Berlin (Verlag des Repertoriums) 1925. Oct. (*Orch.-Fl. Rio Grande do Sul*).
Publ.: 20 Mar 1925, p. [i], [1]-108. *Copies*: BR, MO, US, USDA; IDC 746 (207-208). – Issued as Beihefte 35, Repert. Sp. nov. Regn. veg., 1925.
Facsimile ed.: 1980, p. [i-ii], [1]-108. *Copy*: FAS. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1980, ISBN 3-87429-185-5.

10.792. *Orchidaceae Perrierianae.* Ein Beitrag zur Orchideenkunde der Insel Madagaskar. ... Dahlem bei Berlin (Verlag des Repertoriums, ...) 1925. Oct. (*Orch. perrierian.*).
Collector: Joseph Marie Henri Alfred Perrier de la Bâthie (1873-1958).
Publ.: 20 Mar 1925, p. [i-iv], [1]-391. *Copies*: BR, NY, U; IDC 746 (194-201). – Issued as Beiheft 33, Repert. Sp. nov. Regn. veg., 1925.
Facsimile ed.: 1980, p. [i-iii], [1]-191. *Copy*: FAS. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1980, ISBN 3-87429-183-9.
Previous publ.: see Orch. Madagascar (1913), above, with *Coll. secunda* (1916).
Ref.: Krause, K., Bot. Jahrb. 60 (Lit.): 8. 1925 (rev.).

10.793. *Figuren-Atlas* zu den *Orchideenfloren der südamerikanischen Kordillerenstaaten* ... Dahlem bei Berlin (Selbstverlag, Fabeckstr. 49) 1929. Oct. (*Fig.-Atlas Orch.-Fl. Kordill.-St.*).
Editor: Rudolf Mansfeld (1901-1960).
Publ.: 1929 (Nat. Nov. Dec 1930 [sic]), p. [i-iii], *pl. 1-48* (uncol.), [part 2:] *pl. 49-96*, [part 3:] *pl. 97-142*, index p. [1]-8. *Copies*: BR, PH, U, USDA; IDC 746 (316-319). – Issued as Beiheft 57, Repert. Sp. nov. Regn. veg., 1929.

10.794. *Blütenanalysen neuer Orchideen* ... Dahlem bei Berlin (Selbstverlag des Herausgebers, ...) 1930-1934, 4 parts. Oct. (*Blütenanal. Orch.*).
Editor: Rudolf Mansfeld (1901-1960).
1 (Südamerikanische Orchideen): 15 Sep 1930, p. [1]-7, *pl. 1-60*. – Issued as Beiheft 58, Repert. Sp. nov. Regn. veg. 1930.
2 (Mittelamerikanische Orchideen); issued as Beiheft 59 (1, 2), id.:
(1): 1 Mar 1931, *pl. 1-48*.
(2): 1 Aug 1931, p. [1]-8, *pl. 49-81*.
3 (Afrikanische und madagassische Orchideen); issued as Beiheft 68, id.:
(1): 1932, p. [1]-11, *pl. 1-48*.
(2): 1932, *pl. 49-104*. – Copy U rd. 31 Mar 1932.
4 (Indische und malesische Orchideen); issued as Beiheft 74, id.:
(1): 15 Feb 1934, p. [1]-7, *pl. 1-48*.
(2): 1934, *pl. 49-85*.
Copies: BR, G, MO, PH, U, USDA; IDC 746 (320-321, 322, 373-375).
Facsimile ed.: 1973, new t.p. and facsimile of parts 1-4. *Copies*: NY, US. – Reprint by Otto Koeltz Antiquariat, Koenigstein-Ts./B.R.D. 1973. – ISBN 3-87429-051-4.

Schleicher, Johann Christoph (1768-1834), German-born (Hessen-Nassau) botanist; settled ca. 1790 in Bex, Vaud, Switzerland as owner of a firm selling living plants as well as herbarium specimens. (*Schleich.*).

HERBARIUM and TYPES: G and LAU (major part), other material in BR, C, CGE, DBN, E-GL, FI, G, GJO, H, H-Ach., HAL, LE, LIV, M, NEU, OXF, PH, PR, TUR.
(1) Genève (G) received in 1821 a collection *Plantae in Helvetia cis- et transalpina sponte nascentes*; the Boissier herbarium distributed in 1898 Schleicher plants with labels "Reliquiae Herb. Schleicher à Bex, Vaud, Suisse ... communicavit Herb. Boissier 1898".
(2) Schleicher himself distributed *Plantae* [*Cryptogamae*] *helveticae*, cent. 1-5, 500 nos., 1805-1807. Sets at BM, BPI, CAN, E, G, GOET, H, KIEL, L, LD, LIV, M, PC, S, W, WRSL (see Sayre, 1969, for further details.
(3) Sets of *Salix* distributed by Schleicher are listed by GJO, LE and UPS (Thunberg), but are also included in the above-mentioned holdings of various herbaria.

Note: For more detailed information on Schleicher's sets of exsiccatae and associated publications see Burdet & Greuter (1982). The references to Haller on the labels are to A. von Haller, *Hist. stirp. Helvet.* 1768. These references may have nomenclatural importance.
Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG(1): 143, 12(2): 96; Backer p. 518; Barnhart 3: 229 (d. 27 Aug 1834); BM 4: 1839; Clokie p. 239; Dryander 5: 70; Frank 3 (Anh.): 90; GR, cat. p. 71; Hawksworth p. 185; Hegi 4(1): 50, 4(2): 798, 6(1): 442; Herder p. 181; Hortus 3: 1203; IH 1 (ed. 2): 69, (ed. 3): 87, (ed. 6): 364, (ed. 7): 342; Jackson p. 344; Kew 4: 129; LS 23962; NI 3: 245; PR 8221, ed. 1: 9153; Rehder 1: 433, 2: 102; Saccardo 1: 149, 2: 99; SBC p. 131; Stevenson p. 1257; TL-1/1170; Tucker 1: 631,3: 272; Urban-Berl. p. 272, 281, 290, 313, 393, 415; Zander ed. 10, p. 712, ed. 11, p. 812.

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Candolle, A.P. de, Mém. souvenirs 139. 1862.
Candolle, Alph. de, Phytographie 447. 1880 (coll.).
Sayre, G., Mem. New York Bot. Gard. 19(1): 43. 1969 (on exsiccatae); Bryologist 80: 517. 1977 (coll.).
Wagenitz, G., Index coll. princ. herb. Gott. 148. 1982.
Wilczek, E., Bull. Soc. vaud. Sci. nat. 60: 6-8, 11. 1937 (on Schleicher coll. at LAU, major part of orig. herb. and library acquired 1832; lichens 1837).

EPONYMY: *Schleichera* Willdenow (1806, *nom. cons.*).

HANDWRITING: Webbia 32(1): 37. 1977; Candollea 33: 171-172. 1978, 37: 593. 1982.

10.795. *Catalogus plantarum in Helvetia* cis- et transalpina sponte nascentium quas in continuis fere itineribus in usum botanophilorum collegit et summo studio collatione cum celeberrimorum auctorum descriptionibus et iconibus facta, rite redegit, J.C. Schleicher. Bex (in pago Lemano in Helvetia) [1800]. Oct. (in fours). (*Cat. pl. Helv.*).
Ed. [*1*]: 1800, p. [1]-76. *Copies*: G, H, HH, NY; IDC 5716. – See Burdet & Greuter (1982) sub f.
Ed. [*2*]: 1807 (SY p. 31: Jan-Jun 1808), p. [i], [1]-39. *Copies*: G(2), H, HH, NY. – "Catalogus hucusque absolutus omnium plantarum in Helvetia cis et transalpina sponte nascentium. Quas continuis itineribus in usum botanophilorum collegit, nomine genuino destinxit ac collatione cum celebriorum auctorum descriptionibus et iconibus rite facta summo studio novissime redegit J.C. Schleicher. Bex, in pago helveto-vaudensi 1807. Oct. (in fours). – Bound with most copies: *Catalogus Salicum helvetiae* quas in usum botanophilorum collegit J.C. Schleicher, s.l.n.d., p. [i-ii], [1]-2. A simple list of names of Salix species with references to e.g. W (Willdenow), L (Linnaeus) and S (Schleicher).
Ed. 3: 1815, p. [1]-48. *Copies*: FH, FI, G(2), H, HH; IDC 5718. – "Catalogus ... [as ed. 2] ... Bex, in pago Helveto-Vaudenst [sic]. Editio tertia emendata et auctior. 1815". Oct. (in fours).
Ed. 4: 29 Dec 1821 (see Fuchs 1965), p. [1]-64. *Copies*: BR, FH, FI, G(3), MO, NY(2), PH, USDA; IDC 5201. – "Catalogus ... [as ed. 2] ... Bex, in pago Helveto-Valdensi. Editio quarta emendata et auctior. Camberii [Chambéry], ex typis Corrin ex Routin. 1821". Oct. (in fours). – Review: Anon., Flora 5: 464. 7 Aug 1832.
Note: The catalogues provide names without descriptions but with (very) abbreviated references to earlier authors. For this reason the names in these catalogues and especially in ed. 4, may be of nomenclatural importance. For details see Fuchs 1965.
Ref.: Fuchs, H.P., Taxon 14: 245-246. 1965 (on ed. 4).

Schleiden, Matthias Jacob (1804-1881), German (Hamburg) botanist; Dr. jur. Heidelberg 1827; lawyer at Hamburg; Dr. phil. Jena 1839; Dr. med. h.c. Tübingen 1843; studied botany in Göttingen and Berlin, student of Johann Horkel, collaborating with Johannes Müller and Theodor Schwann; from 1839 in Jena, from 1840 as professor

of botany, from 1851-1862 also as director of the Jena Botanical Garden; professor of anthropology in Dorpat 1863-1864, in St. Petersburg 1864-1865; in retirement as "Privatgelehrter" at Dresden, Wiesbaden and, ultimately, in Frankfurt am Main; founder of the German school of developmental morphology; forceful proponent of inductive and experimental research; promoted T. Schwann's "cell theory". (*Schleid.*).

HERBARIUM and TYPES: JE. – 9 vols. original drawings of plants with manuscript descriptions at BM. Other drawings by Schleiden are at JE. – *Letters* to D.F.L. von Schlechtendal at HAL; further letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 417-421; Ainsworth p. 117, 121, 315; Backer p. 518; Barnhart 3: 229 (b. 25 Apr 1804, d. 23 Jun 1881); Biol.-Dokum. 16: 8069; BM 4: 1839-1840, 8: 1153; Bossert p. 353; CSP 5: 484-485; De Toni 1: cxii, 2: civ; DSB 12: 173-176 (by M. Klein); Frank 3 (Anh.): 90-91; GR p. 132; Herder p. 476 [index]; Hortus 3: 1203; IH 1 (ed. 6): 364, (ed. 7): 342; Jackson p. 52, 68, 69, 70, 216, 480; KR p. 625; Langman p. 681; LS 23964-23967a; Moebius p. 456; MW p. 437; NI 1775, 1: 204, 207; Plesch p. 400; PR 3793, 8222-8236, 8252, 8253, 10324, 10325, ed. 1: 4160, 9154-9166, 9179, 11294-11295; Quenstedt p. 382-383; Ratzeburg p. 461-462; Rehder 5: 770; SO 2745a; TL-2/598, 3517, 3976, 6605, 6679, see E. Hallier, K.L.T. Liebe, L. Radlkofer; Tucker 1: 631, 3: 272.

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EPONYMY: *Schleidenia* Endlicher (1839) and *Schleidenites* Unger (1842) probably honor Schleiden but no etymology was given for either name.

10.796. *Über Bildung des Eichens* und Entstehung des Embryo's bei den Phanerogamen ... (Acta Acad. Caes. Leop. Nat. Cur. Vol. xix. p. 1). [1839]. Qu.
Publ.: late 1839, Soc. géol. France rd 16 Jan 1840; Flora rd 4 Mai 1840), p. [1]-33, *pl. 3-8* (partly col. liths.). *Copies*: M, USDA. – Reprinted and to be cited from Nova Acta Leop. 19(1): 27-58, *pl. 3-8*. 1839. – Partial translation in Ann. Sci. nat., Bot. ser. 2. 11: 129-141, *pl. 6-8*. 1839, and in Ann. Mag. nat. Hist. 5: 162-166. 1840.

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10.798. *Beiträge zur Anatomie der Cacteen* ... [Mém. Acad. imp. Sci. Saint-Pétersbourg div. Savans 1841]. Qu.
Publ.: Sep 1841 (p. 2 cover journal issue), p. [1]-46, *pl. 1-10* (partly col. liths. auct.). *Copies*: G, M, NY. – Reprinted and to be cited from Mém. Acad. imp. Sci. Saint-Pétersbourg div. Savans 4(3/4): [335]-380. *pl. 1-10*. 1841. – Flora mentioned this publication on 28 Dec 1842; PR 8222 dates the paper at 1843; however, this is not sufficient proof not to accept the date on the cover of the journal.
Ref.: H.M., Bot. Zeit. 1: 76-79. 3 Feb 1843 (rev.).

10.799. *Grundzüge der wissenschaftlichen Botanik* nebst einer methodologischen Einleitung als Anleitung zum Studium der Pflanze ... Leipzig (Verlag von Wilhelm Engelmann) 1842-1843, 2 vols. Oct. (*Grundz. wiss. Bot.*).
Ed. [*1*]: in two vols., 1842-1843. *Copies*: B, B-S, G, HH, M, NY, PH.

(*1*): 6-9 Apr 1842 (p. xx: Feb 1842; Hinrichs), p. [i]-xxvi, [1]-289, [291-292]. – "Motto: Ich bild' mir nicht ein, was Rechtes zu wissen. *Faust*". – Methodology, vegetable matter, the plant cell.

(*2*): 1-7 Jul 1843 (p. viii: Apr 1843; Hinrichs 1-7 Jul 1843, Flora 1-7 Jul 1843), p. [i]-xviii, [1]-564. – Morphology, organology. – See also Th. Hartig, Beitr. Entw.-Gesch. Pflanzen, Berlin 1843, 28 p. and G. Pr. [Pritzel], Bot. Zeit. 1: 731-733. 1843; Schleidens reply: Die neuern Einwürfe gegen meine Lehre von der Befruchtung ... Leipzig 1844, 38 p.

Ed. 2: in two vols. 1845-1846. *Copies*: B, FI, H, M, MICH, MO(2), NY. – "Zweite gänzlich umgearbeitete Auflage" Alternative t.p.: "*Die Botanik als inductive Wissenschaft behandelt* ..." A clarion call for an experimental approach, contrary to "Das geistlose Speziesgetändel".

(*1*): 1845 (p. xvi: Oct 1844; Flora rd Dec 1845), p. [ii, alt. t.p.].-xx, [xxi, err.], [1]-329, *1 pl.* (uncol. copp.).

(*2*): 1846 (Flora rd Jun 1846), p. [ii]-xvi, [1]-614, [1], *pl. 1-4* [uncol. copp.).

Ed. 3: 1849-1850, 2 vols. *Copies*: B, BR, G, H, MICH, PH. – "Dritte verbesserte Auflage".

(*1*): 1849 (p. vi: Jan 1849; Bot. Zeit. 10 Aug 1849), p. [ii]-x, [1]-342. *1 pl.*

(*2*): 1850 (p. v: Mai 1850), p. [ii]-xvi, [1]-619.

Ed. 4: Oct-Nov 1860 (t.p. 1861; p. xiv: Oct 1860; Bonplandia 15 Dec 1860; Bot. Zeit. 1 Mar 1861, ÖbZ 1 Jan 1861), p. [ii]-xxiv, [1]-709, [710, err.], *pl. 1-5* (uncol. copp. auct.). *Copies*: B, B-G, H, MICH, NY. – One volume only.

English transl. (of ed. 2): 1849 (p. iv: Apr 1849), p. [i]-viii, [1]-616, *pl. 1-6. Copies*: HH, MICH, MO, NY, USDA. – "*Principles of scientific botany*; or botany as an inductive science ... translated by Edwin Lankester, ... [1814-1874] ... London (printed for Longman, Brown, Green, and Longmans, ...) 1849. Oct. (*Princ. Sci. bot.*).

Facsimile ed. (1) of 1849 translation: New York, Kraus Reprint Co. 1969 (*Copy*: Amer. Univ.); also New York (Johnson) 1968, new introd. by J. Lorch.

Facsimile ed. (2) of id., with a new introduction by Jacob Lorch, Johnson Reprint Corporation, New York and London 1969, p. [i]-xxxv new introd., facsimile [i]-viii, [1]-616, *pl. 1-6. Copy*: B-S.

English transl. ed. 2: 1868, n.v.

Reviews (*ed. 1*): Kützing, F.T., Allg. Lit.-Zeit., Halle. 1843(4) Erg.-Bl. 102: 809-811, 103: 817-824, 104: 825-832, 105: 835-840, 1844(1) 31: 241-248, 32: 249-256, 33: 262-264, 34: 272.

(*ed. 2*): S., Flora 29(1): 6-11, 23-32. 1846.

(*ed. 3*): Jessen, C., Bot. Zeit. 7: 581-585, 599-602, 10, 17 Aug 1849.

(*ed. 4*): S., Flora 44: 175-176. 1861; D.F.L. von Schlechtendal, Bot. Zeit. 19: 60. 1 Mar 1861; Hoffmann, ib. 20: 182. 1862.

Ref. : Jost, L., Südh. Arch. Gesch. Med. Naturw. 35(3-4): 206-236. 1942 (detailed study).

Went, F.W., Chron. bot. 7: 145-158. 1942 (centenary publ.).

10.800. Herr Dr. Justus *Liebig* in Giessen *und die Pflanzenphysiologie* ... Leipzig (Verlag von Wilh. Engelmann) 1842. Oct. (*Liebig u.d. Pfl.-physiol.*).

Publ.: 8-10 Mai 1842; Hinrichs), p. [1]-37. *Copy*: B. – See also his *Offenes Sendschreiben* an Hrn. Dr. Julius *Liebig* in Giessen, eine gegen mich gerichtete Anmerkung im Juniheft der Annalen der Chemie und Pharmacie betreffend. [Ann. 42: 306-309. 1842]. Nebst einigen Bemerkungen zu der Schrift: Ueber Liebigs Theorie der Pflanzenernährung und Schleiden's Einwendungen gegen dieselbe. Von Karl Winkelblech, [publ. 20-23 Jul 1842] ..." Leipzig (Verlag von Wilh. Engelmann) 1842. Oct., p. [1]-40. *Copy*: M.

10.801. *Beiträge zur Botanik.* Gesammelte Aufsätze ... Erster Band ... Leipzig (Verlag von Wilh. Engelmann) 1844. †. (*Beitr. Bot.*).

Publ.: 11-13 Jul 1844 (p. vi: Dec 1843; Hinrichs 11-13 Jul 1844; Bot. Zeit. 11 Oct 1844), p. [i]-viii, [1]-242, *pl. 1-9. Copies*: B, G, HH, MO, NY, USDA. – An unchanged reprint of 14 papers previously published in various journals (e.g. Flora, Linnaea, Allg. Gart. Zeit.). The texts are unchanged but sometimes provided with additional notes.

10.802. *Schelling's und Hegel's Verhältniss zur Naturwissenschaft.* (Als Antwort auf die Angriffe des Herrn Nees von Esenbeck in der Neuen Jenaer Lit.-Zeitung, Mai 1843, insbesondere für die Leser dieser Zeitschrift) ... Leipzig (Verlag von Wilh. Engelmann) 1844. Oct. (*Schelling Hegel Verh. naturw.*).
Publ.: 1844 (p. vi: Dec 1843), p. [1]-vi, [7]-87. *Copy*: G.

10.803. Die neueren *Einwürfe* gegen meine *Lehre von der Befruchtung* als Antwort auf Dr. Th. Hartig's Beiträge zur Entwicklungsgeschichte der Pflanzen ... Leipzig (Verlag von Wilh. Engelmann) 1844. Oct. (*Einw. Lehre Befrucht.*).
Publ.: 20-23 Mar 1844 (Hinrichs), p. [1]-38, [39, colo.]. *Copies*: B, LC, M, NY. – For Theodor Hartig (1805-1880), see TL-2/2: 61-62.

10.804. *Grundriss der Botanik* zum Gebrauch bei seinen Vorlesungen ... Leipzig (Verlag von Wilhelm Engelmann) 1846. Oct. (*Grundr. Bot.*).
Publ.: 23-25 Apr 1846, p. [i]-vi, [1]-214. *Copies*: G, NY.
Ed. 2: 1850, (ÖbW 16 Jan 1851), p. [i]-viii, [1]-216. *Copies*: H, M, NY. – "Zweite verbesserte Auflage". Leipzig (id.) 1850. Oct.

10.805. *Beiträge zur Kenntniss der Sassaparille* ... Hannover (in der Hahn'schen Hofbuchhandlung) 1847. Oct.
Publ.: 1847, p. [1]-42, *pl. 1-2* (col. liths.). *Copies*: B-S, FI, HH, NY. – Reprinted and to be cited from Arch. Pharmacie ser. 2. 52: 25-64, *pl. 1-2*. 1847.

10.806. *Die Pflanze und ihr Leben.* Populäre Vorträge ... Leipzig (Verlag von Wilhelm Engelmann) 1848. Oct. (*Die Pflanze*).
Ed. [1]: 1848 (Bot. Zeit. 31 Mar 1848), frontisp., p. []i-v], [1]-329, [330, colo.], *pl. 1-4* (col. copp., 1-3 auct., 4: Schacht). *Copies*: B-G, BR, H, HH, MO, NY. – The wood cuts in the text are by J.G. Flegel.
Ed. 2: 1850 (Bot. Zeit. 25 Oct 1850), frontisp., p. [i]-viii, [1]-391, [392, colo.], *pl. 1-4* (id.). *Copies*: B, FI, HH, MO, NY. – "Zweite vermehrte Auflage".
Ed. 3: 1852 (Bot. Zeit. 3 Sep 1852; ÖbW 30 Sep 1852), frontisp., p. [i]-viii, [1]-395, [396, colo.], *pl. 1-4*. *Copies*: B-G, FAS, FI, H, HH, N. – "Dritte Auflage".
Ed. 4: 1855 (p. xi: Dec 1854), frontisp., p. [i]-xxiv, [1]-378, *pl. 1-5* (col.), *pl. 1-14* (wood cuts, in text). *Copies*: B, MO, NY, PH, USDA. – "Vierte verbesserte Auflage".
Ed. 5: 1858 (p. xxiv: Oct 1857), frontisp., p. [i]-xxiv, [1]-396, *pl. 1-5, 1-14*. *Copies*: B, NY. – With the Flegel wood cuts and a reproduction of a painting by J.D. de Heem. – Fünfte verbesserte Auflage". – Not so "verbessert", see Bonplandia 7: 17-19. 1859.
Ed. 6: 1864 (p. xxiv: Aug 1863; ÖbZ 1 Mar 1864; Bot. Zeit. 6 Jan 1865), frontisp., p. [i]-xxiv, [1]-396, *pl. 1-5, 1-14*. *Copies*: B, H, M, MO, NY. – Id. "Sechste verbesserte Auflage".
English transl.: 1848 (p. ix: Mai 1848; Bot. Zeit. 6 Oct 1848), frontisp., p. [i]-viii, [1]-365. *pl. 1-4* (col.). *Copies*: G, HH, MO, NY, PH, USDA. – *The plant*; a biography. In a series of popular lectures ... translated by Arthur Henfrey [1819-1859] ... London (Hippolyte Baillière, ...) Paris (J.B. Baillière ...) 1848. Oct.
English transl. ed. 2: 1853 (p. vi: Nov 1852), frontisp., p. [i]-viii, [1]-422, *6 pl. Copies*: MO, USDA. – Based on ed. 3 of German original. "Second edition, with additions".
American ed.: 1853, 360 p., *4 pl.*, "Poetry of the vegetable world ..."
French transl.: 1859, frontisp., p. [i*-iii*], [i]-iii, [1]-342, *pl. 1-5* (col.), *1-14* (uncol.). *Copies*: BR(2), G, NY. – *La plante et sa vie* leçons populaires de botanique à l'usage des gens du monde ... traduit de l'allemand d'après la 5e édition, avec l'autorisation de l'auteur et de ses ayants droits. Par M. Scheidweiler [Michel Joseph François Scheidweiler (1799-1861)] ... et M. le Dr P. Royer [Auguste Philippe Antoine Royer (1796-1867)] .... Paris (Schutz & Thuillié, ...), Bruxelles (Aug. Schnée, ...) 1859. Oct.
Dutch transl.: 1854 (p. viii: Mai 1854), frontis., p. [i]-x, [1]-504, *pl. 1-4* (col.). *Copy*: Leiden, Rijksmus. Gesch. Wet. – "Prof. M.J. Schleiden's populaire voorlezingen over *de plant en haar leven.* Naar de derde hoogduitsche uitgave bewerkt en voorzien van aantekeningen door Dr. D.J. Coster ... Amsterdam (M.H. Binger & Zonen) 1854. Oct. (*De Plant*). Published in [2?] parts; part 1 available by Dec 1853 see Alg. Konst.-Letterb. 1854: 21. 20 Jan 1854.
Dutch transl. ed. 2: 1873, n.v.

Swedish transl.: 1852, p. [i], [1]-266, *1 pl. Copy*: H. – *Vexten och hennes lif.* ... Öfwersättning af Gustaf Thoméc ... Stockholm (Philipp J. Meyer) 1852. Oct.

10.807. *De notione folii et caulis.* Programma quo ad audiendam orationem die xxiv m. julii hora xi munus professoris medicinae ordinarii sibi demandati rite auspicaturus observantissime invitat M.I. Schleiden D. Jenae (Typis Branii) 1849. Qu. (*Not. fol. caul.*).
Publ.: 24 Jul 1849, p. [1]-12. *Copies*: G, M, KNAW, NY.
Ref.: H.I., Bot. Zeit. 8: 499-500. 28 Jun 1850 (rev.).

10.808. *Handbuch der medicinisch-pharmaceutischen Botanik* und botanischen Pharmacognosie ... Leipzig (Verlag von Wilhelm Engelmann) 1852-1857. Oct. 2 vols. (*Handb. med.-pharm. Bot.*).
Publ.: in 2 vols., 1852, 1857. *Copies*: B, FI, HH, M (vol. 1), MICH, MO, NY, USDA.
1: 1852, p. [i*], [ii]-xviii, [1]-414. - Alt. t.p. [ii]: "*Handbuch* ... *Botanik* zum Gebrauch bei Vorlesungen und zum Selbststudium".
2: 1857 (p. x: Spring 1857; BSbF Oct-Dec 1857), p. [ii]-xviii, [1]-498. – Alt. t.p.: "*Handbuch der botanischen Pharmacognosie* für Aerzte, Apotheker und Botaniker zum Gebrauch bei Vorlesungen und zum Selbststudium".
Ref.: Anon., Bull. Soc. bot. France 4 (bibl.): 246-248. Oct-Dec 1857 (rev. vol. 2).

10.809. *Ueber die Natur der Kieselhölzer* von E.E. Schmid, Dr. und M.J. Schleiden, Dr. Zugleich als fünftes Programm des physiologischen Instituts zu Jena. Jena (Druck und Verlag von Friedrich Mauke) 1855. Qu. (*Natur Kieselhölz.*).
Senior author: Ernst Ehrhard Friedrich Wilhelm Schmid (1815-1885), author of p. [1]-22: *Ueber die chemische Constitution der Kieselhölzer*".
Publ.: 1855 (Bot. Zeit. 21 Mar 1856), p. [i]-x, [1]-42, *3 pl.* (2 col., 1 uncol. liths.). *Copies*: G, Heerlen, Geol. Bur., MO, NY, USGS. – The NY and USGS copies have a t.p. lacking the phrase "Zugleich als ..." and have "Mit 3 Tafeln Abbildungen" instead. Schleiden is author of p. [23]-42, "*Ueber die organische Struktur der Kieselhölzer*".
Ref.: Anon., Bull. Soc. bot. France 2 (bibl.): 633-634. Feb 1856.

10.810. *Geschichte der Botanik in Jena.* Prorectoratsrede ... Leipzig (Verlag von Wilhelm Engelmann) 1859. Oct. (*Gesch. Bot. Jena*).
Publ.: 1859 (p. (6]: Feb 1859; Bot. Zeit. 15 Apr 1859), p. [2]-45, [46]. *Copies*: B, MO, PH. – Alternative t.p.: "Album des pädagogischen Seminars der Universität Jena. Denkmäler und Gaben von Director, Freunden und Gönnern des Seminärs, herausgegeben von Dr. Carl Volkmar Stoy. II. Geschichte der Botanik in Jena".

10.811. *Für Baum und Feld.* Eine Schutzschrift an Fachmänner und Laien gerichtet ... Leipzig (Verlag von Wilhelm Engelmann) 1870. Oct. (*Baum u. Wald*).
Publ.: 1870, p. [i]-viii, [1]-144. *Copies*: M, NY.

10.812. *Die Rose.* Geschichte und Symbolik in ethnographischer und kulturhistorischer Beziehung. Ein Versuch von M.J. Schleiden, Dr. ... Leipzig (Wilhelm Engelmann) 1873. Oct. (*Rose*).
Publ.: 1873 (p. vi: Nov 1872), frontisp., p. [i]-ix, [x], [1]-322. *Copies*: BR, MO.
Facsimile ed.: 1973, Walluf (Sändig), ISBN 3-500-26940-0 (n.v.).

Schlenker, Georg (1847-1932), German (Schwaben) botanist, high school teacher at Cannstadt, Württemberg from 1877; Dr. h.c. Stuttgart 1925. (*Schlenker*).

HERBARIUM and TYPES: Unknown.

NOTE: Not to be confused with Gerhard Schlenker, author of *Experimentelle Untersuchungen in der Sektion Beccapunga ... Veronica*, Flora 130: 305-350. 1935-1936.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 229; Biol.-Dokum. 16: 8071; DTS 1: 266-267; MW p. 437; Tucker 3: 272.

BIOFILE: Lehmann, E., Schwäbische Apotheker 204. 1951.
Schlenker, L., Lebensbilder aus Schwaben und Franken 9: 388-399. 1963 (extensive biogr., bibl., portr.).

10.813. *Das Schwenninger Zwischenmoor* und zwei Schwarzwald-Hochmoore in Bezug auf ihre Entstehung, Pflanzen- und Tierwelt ... Stuttgart (Druck der Hofbuchdruckerei zu Gutenberg Carl Grüninger) 1908. Oct. (*Schwenning. Zwischenmoor*).
Publ.: 1908, p. [i], [1]-279, [280], *2 pl.*, 1 map. *Copy*: M. – See also his *Streifzüge im Moor*, Mikrokosmos 1-3: 206-213. 1907-1910, 5: 81-87. 1911-1912.

10.814. *Die Flora des Canstatter Sulzerrains* ... Stuttgart (Franckh'sche Verlagshandlung) [1929]. Oct. (*Fl. Canst. Sulzerrains*).
Publ.: 1929 (Nat. Nov. Jul 1929), p. [1]-232, *pl. 1-12*, [*13*]. *Copies*: B, HH, NY.

Schlesinger, Karl (1869-?), German (Silezian) pharmacist and botanist; Dr. phil. Erlangen 1895; pharmacist at Breslau. (*Schlesinger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 229 (b. 4 Aug 1869).

10.815. *Beiträge zur vergleichenden Anatomie des Blattes der Marantaceae und Zingiberaceae.* Inaugural-Dissertation zur Erlangung der Doctorwürde bei der Hohen philosophischen Facultät der Königlichen Friedrich-Alexander Universität zu Erlangen Tag der mündlichen Prüfung 6. März 1895 ... Breslau (Druck von Th. Schatzky, ...) [1895]. (*Beitr. Anat. Blatt. Marant.*).
Publ.: 6 Mar 1895, p. [i], [1]-74, *1 pl.* [1-2]. *Copies*: G, M, NY.
Ref.: Roth, E., Bot. Centralbl. 69: 146-147. 1897 (rev.).

Schlich, Wilhelm [Philipp Daniel], [later: Sir William Schlich], (1840-1925), German-born (Hessen) British forester; Dr. phil. Giessen 1867 (thesis submitted 1866; degree awarded 1867); in the Indian Forest Service, Burma 1867-1870; id. Sind 1870-1872; conservator of forests Bengal 1872-1878; on furlough 1878-1880; conservator of forests Punjab 1880-1881; Inspector-general of forests 1881-1883 (deputy), 1883-1885; at Royal Indian Engineering College, Coopers Hill, head of Forestry Dept. 1885-1906; id. at Oxford 1906-1911; professor of forestry Oxford 1911-1919. (*Schlich*).

HERBARIUM and TYPES: OXF; other material at E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 229; BB p. 270; BM 4: 1840; Clokie p. 239; CSP 18: 529; Desmond p. 545 (b. 25 Feb 1840, d. 28 Sep 1925; Dr. phil. 1867); DNB 1922-1930: 751-752; Jackson p. 380, 389, 390; Morren ed. 10, p. 144; Rehder 5: 770; Tucker 1: 533, 631.

BIOFILE: Ann., Gard. Chron. 1925(2): 298 (obit.), 1929(2): 396 (memorials).
Anon., Indian Forester 15(2): 45-51. 1889, 51(12): 625-632. 1925 (obit., portr.); J. Bot. 67: 192. 1929 (bronze portrait plaque); Who's who [Gr. Britain] 1899-1926; Who was Who [Gr. Britain] 1916-1928: 937. 1929.
Buckland, C.E., Dict. Indian biogr. 377. 1906.
Burkill, I.H., Chapt. hist. bot. India 243 [index]. 1965.
Druce, G.C., Bot. Soc. Exch. Club Brit. Isl., Rep. 7(5): 857. 1926 (obit.).
D.P., Proc. R. Soc. London 101: vi-xi. 1927 (obit.); thesis submitted 1866; degree awarded 1867).
Hosmer, R.S., Empire For. J. 4(2): 161-167. 1925 (an American appreciation).
Mammen, E. et al., Indian For. 91: 77-82, *pl. 1-4*. 1965 (pioneer of Indian scientific forestry).
Robinson, R.L., Empire For. J. 4(2): 162-165. 1925 (work in England).
Troup, R.S., Nature 116: 617-618. 1925 (d. 27 Sep 1925; Dr. phil. 1866; obit.)., Empire For. J. 4(2): 160-162. 1925 (obit., portr.).

COMPOSITE WORKS: Editor, *Indian Forester* 1875-1879.

NOTE: With R.H. Fisher author of *Manual of Forestry*, 5 vols., 1889-1896; ed. 5. 1925.

Schlickum, Julius (1804-1884), German (Prussian) pharmacist and botanist at Winningen a.d. Mösel. (*J. Schlickum*).

HERBARIUM and TYPES: Material at AMD, BR, MW and OXF.

NOTE: August Schlickum (b. 7 Aug 1867), son of Julius Schlickum and also pharmacist from Winningen, obtained a degree Dr. phil. Marburg 1895, on a dissertation *Morphologischer und anatomischer Vergleich der Kotyledonen und ersten Laubblätter der Keimpflanzen der Monokotylen*, p. [i-ii], [1]-80, [1]. Marburg 1895, subsequently published as Bibl. bot. 35, 1896. Herbarium material attributed to A. Schlickum was at B. (AG 12(1): 198).

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 512 (b. 26 Aug 1804, d. 17 Dec 1884); Backer p. 518; Barnhart 3: 229; Bossert p. 353 (err. Schlikum); Clokie p. 239; CSP 12: 658; Hegi 4(2): 791; Morren ed. 10, p. 17; Rehder 5: 771.

BIOFILE: Schlickum, R., Bot. Centralbl. 57: 159. 1894 (herb., ca. 8000 sp., for sale).

Schlickum, Oscar (1838-1889), German (Prussian) pharmacist and botanist; son of Julius Schlickum; studied pharmacy with his father in Winningen, pharm. assistant in Neuwied 1861-1863; State examination pharm. Bonn 1865; from 1866 in charge of the Winningen pharmacy. (*O. Schlickum*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 12: 658, 18: 530; Herder p. 89; Jackson p. 9, 203; Rehder 1: 71, 532.

BIOFILE: Anon., Amer. J. Pharm 61: 319. 1889 (obit. not.).
Hein, W.H. & H.D. Schwarz, Deut. Apoth. Biogr. 2: 583-584. 1978.
Heinsius, W., Allg. Büch-Lex. 1482): 400-401. 1871, 15(2): 508. 1878, 16(2): 429. 1882, 17(2): 514. 1887, 18(2): 483. 1890 (bibl.).
Vulpius, G., Arch. d. Pharm. 27(18): 816-828. 1889 (obit., portr.).

10.816. *Botanisches Taschenwörterbuch.* Kurzgefasste Erklärung der botanischen Kunstausdrücke sowie Characteristik der einheimischen und wichtigere ausländischen Pflanzengattungen ... Neuwied (Verlag der J.H. Heuser'schen Buchhandlung) [1864]. Oct. (*Bot. Taschenwörterb.*).
Publ.: 1864 (rev. Flora 30 Jan 1864), p. [1]-304, 2 charts. *Copy*: B. – For a later issue see below *Taschenwörterb. bot. Kunstausdr.* 1875.
Ref.: Anon., Flora 47: 45-46. 30 Jan 1864 (rev. "zusammengeplündert").
Schlechtendal, D.F.L. von, Bot. Zeit. 22: 91. 25 Mar 1864 (rev.).

10.817. *Taschenwörterbuch der botanischen Kunstausdrücke* nebst kurzer Characteristik der einheimischen und pharmaceutisch wichtigen ausländischen Pflanzengattungen ... Leipzig (Ernst Günther's Verlag) 1875. Oct. (*Taschenwörterb. bot. Kunstausdr.*).
Publ.: 1875, p. [1]-304, 2 charts. *Copies*: HH, M. – Obviously a later issue of *Bot. Taschenwörterb.* 1864.

10.818. *Excursionsflora für Deutschland.* Kurze Characteristik der daselbst wildwachsenden und häufiger kultivierten Gefässpflanzen. Nebst einem illustrierten Anhange für Anfänger: Auffindung der Gattungen nach leicht erkennbaren Merkmalen ... Leipzig (Ernst Günther's Verlag) 1881. Oct. (*Excurs.-Fl. Deutschl.*).
Publ.: 1881 (p. iv: 15 Mar 1881; Bot. Zeit. 29 Jul 1881; Bot. Centralbl. 1-5 Aug 1881; Flora rd 21 Aug-11 Sep 1881; Nat. Nov. Jun(2) 1881), p. [i]-xx, [1]-374. *Copies*: B, HH.
Ref.: B., Österr. bot. Z. 31: 337-338. 1 Oct 1881.

Weiss, J.E., Bot. Zeit. 39: 743-744. 1881 (rev.).
Thomas (Coblenz), Bot. Centralbl. 7: 141. 1-5 Aug 1881.

Schlieben, Hans-Joachim Eberhardt (1902-1975), German (Saxonian) botanist and plant collector; studied horticulture at Geisenheim a. Rhein; collected for Berlin-Dahlem in Tanganyika Territory (Tanzania) 1930-1935; in Germany until 1955 (part of the time at the Forestry Institute, Hamburg/Reinbek); emigrated to South Africa 1955; technical officer at the National Herbarium of South Africa 1956-1973; died in Germany. (*Schlieben*).

HERBARIUM and TYPES: B (pteridophytes and many duplicates of the Tanzanian coll. 1930-1935 still extant), duplicates Tanzania at A, BM, BR, EA, F, G, HBG, K (large set), LISC, M, MA, MAD, MO, NY, P (4000), PRE, S, SRGH, US, Z. – Main set of South African and Madagascar collections in PRE; duplicates in B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 229; Biol.-Dokum. 16: 8078; IH 1 (ed. 6): 364, (ed. 7): 342, 2: (files).

BIOFILE: Anon., Forum bot. 13: 72. 1975 (d).
Gunn, M. & L.E. Codd, Bot. Expl. S. Afr. 316. 1981 (Itin. S. Afr., coll., portr.).
Hiepko, P., Willdenowia 8(2): 393. 1978 (much material extant at B).
Leeuwenberg, A.J.M., Webbia 19: 862. 1965 (dupl. coll. in many herbaria; 4000 in P).
Leistner, O.A., Bothalia 12(1): 133-135. 1970 (biogr., itin., coll., portr., b. 26 Mai 1902, d. 14 Jul 1975).; S. Afr. Orchid J. 11(4): 107-109. 1980.
Mendes, E.J. & J. Balsas, Bol. Soc. Brot. 53(2): 1223-1231. 1981 (type specim. LISC).
Mildbraed, J., ed., Notizbl. Berlin-Dahlem 11-15, 1931-1942 (14 papers "Neue und seltene Arten aus dem südlichen Ostafrika ... leg. H.J. Schlieben"; various authors).
Pilger, R., Mitt. Bot. Gart. Mus. Berlin-Dahlem 1(1): 19. 1953 (duplicates Tanzania extant).
Schoser, G., Palmengarten 39(3): 85. 1975.
Schüz, E., Jahresh. Ges. Naturk. Württemberg 131: 199-203. 1976 (obit., portr.).
Verdoorn, F., ed., Chron. bot. 1: 89, 171, 264. 1935, 2: 83, 142, 288, 276. 1936, 3: 112, 118, 119, 121, 241, 4: 87, 186, 565. 1938, 5: 301, 516. 1939.

10.819. *Deutsch Ost-Afrika* einmal ganz anders. Eine fünfjährige Forschungsreise. Neudamm und Berlin (Verlag J. Neumann) 1941. Oct. (*Deut. O.-Afr.*).
Publ.: 1941, p. [i-ii], frontisp., [iii-iv], [1]-436, 2 maps, *48 pl. Copy*: LC.

Schliephacke, Karl (1834-1913), German (Saxonian) botanist (bryologist); studied pharmacy in the Löwenapotheke in Halle, associated with K. Müller hal.; founded various factories in the brown coal and mineral oil industry in Saxony; from 1873-1898 industrialist at Waldau nr Osterfeld (Thüringen); in retirement at Naumburg a.d. Saale and Blasewitz nr Dresden. (*Schlieph.*).

HERBARIUM and TYPES: JE; further material at BP, BR, E, F, GOET, H, L, MANCH, MW, NY, S, W, WRSL. – 49 letters to V. Brotherus in Helsinki Univ. Libr.; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 229 (b. 2 Aug 1834, d. 3 Jun 1913); Biol.-Dokum. 16: 8080; CSP 5: 487, 8: 863, 18: 530; DTS 1: 267; GR p. 132; Herder p. 266; IH 1 (ed. 6): 364, (ed. 7): 342; LS 23973; Morren ed. 10, p. 17; SBC p. 131; Urban-Berl. p. 313.

BIOFILE: Meyer, F.K. & H. Manitz, Reichtümer u. Raritäten, Jenaer Reden und Schriften 1974: 92 (orig. herb. at JE; contains much material from K. Müll. hal.).
Röll, J., Mitt. thür. bot. Ver. ser. 2. 31: 1-5. 1914 (Meine Erinnerungen an ...).
Sayre, G., Bryologist 80: 517. 1977 (coll.).
Wagenitz, G., Index coll. princ. herb. Gott. 148. 1982.

COMPOSITE WORKS: *Preface* to K. Müller hal., *Genera musc. frond.* 1901, see TL-2/6519.

EPONYMY: *Schliephackea* K. Mueller hal. (1875).

10.820. *Beiträge zur Kenntniss der Sphagna* ... (Aus den Verhandlungen d. k.k. zoologisch-botanischen Gesellschaft in Wien [Jahrgang 1865] besonders abgedruckt) [1865]. Oct.
Publ.: 1865 (submitted 7 Jun 1865; journal volume preface Dec 1865), p. [1]-32. *Copy*: B. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 15 (Abh.): 383-414. 1865. – The copy at B may be a preprint; the journal issue was first mentioned by Hedwigia in Apr 1866; all other references seen by us mention the volume after Apr 1866. – "Ce travail abonde tellement en subtiles observations et en remarques critiques, qu'il mérite d'être étudié par tout bryologue (A. Geheeb, Rev. bryol. 5: 15. 1878), see also J. Röll, Irmischia 3: 17-32. s.d.

10.821. *Ueber das Genus Andreaea* Ehrh. ... (Aus den Verhandlungen d. k.k. zoologisch-botanischen Gesellschaft in Wien ... besonders abgedruckt). [1865]. Oct.
Publ.: 1865 (mss. submitted 7 Jun 1865) p. [1]-6. *Copy*: G. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 15(Abh.): 423-428. 1865.

10.822. *Die Torfmoose der Thüringischen Flora* ... Separatabdruck aus "Irmischia," botanische Monatschrift [1882].
Publ.: Aug-Sep 1882 (reprint sent to C. Warnstorf by author on 24 Sep 1882), p. [1]-14, [15]. *Copies*: B, H. – Reprinted and to be cited from Irmischia 1882.
Ref.: Warnstorf, C., Bot. Centralbl. 12: 147-148. 1882 (23-27 Oct; rev.).

Schlim, Louis Joseph (*fl.* 1845), Belgian plant collector; half brother of J.J. Linden; collected in South and Central America 1841-1852. (*Schlim*).

HERBARIUM and TYPES: Collected with J.J. Linden (q.v.) and Nicolas Funck (1816-1896) for the Linden establishment. Largest sets at BR (orig., incomplete); other material at B (mainly destr.), BERN, BM, BR, CGE, F, FI, G, GENT, GOET, K, L, LD, LE, LZ (destr.), MEDEL, NY, OXF, P, W.

BIBLIOGRAPHY and BIOGRAPHY: Clokie p. 240; Lasègue p. 414; TL-2/see J.J. Linden; Urban-Berl. p. 313, 322, 393.

BIOFILE: Anon., Belg. hort. 17: 244, 250-251, 256. 1867 (coll. in Colombia with N. Funck); Bonplandia 1: 33. 1853; Bot. Zeit. 5: 391. 1847 (coll.), 6: 709-710. 1848 (id.).
Barnhart, J., J. New York Bot. Gard. 28: 212. 1927 (coll. La Baja, nr Pamplona, Colombia, lost by shipwreck).
Crépin, F., Guide bot. Belg. 261. 1878.
Linden, J.J., *in* W.J. Hooker, J. Bot. Kew Gard. Misc. 6: 58-59. 1854 (coll. for sale).
Linden, J.J. & J.E. Planchon, Pl. columb. l-lvi. 1863.
Moldenke, H.N., Plant Life 2: 81. 1946 (1948) (epon.).
Urban, I., Symb. bot. 3(1): 120-121. 1902 (coll. W. Indies).
Wagenitz, G., Index coll. princ. herb. Gott. 148. 1982.

EPONYMY: *Schlimia* Regel (1875); *Schlimmia* Planchon et Linden (1852).

Schlögl, Ludwig [Ludvík] (1846-1899), Moravian botanist and high school teacher at Ungarisch Hradisch (Uherské Hradiště). (*Schögl*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1841; Futak-Domin p. 526; Klásterský p. 165; LS 23980.

BIOFILE: Oborny, A., Verh. naturf. Ver. Brünn 21(2): 20. 1882.
Pax, F., Grundz. Pfl.-Verbr. Karpathen 36. 1898 (Veg. Erde).
Podpěra, J., Pr. mor.-slez. Akad. Věd. přír. 19(7): 11-12. 1948.

10.823. Programm des k.k. Real- und Ober-Gymnasiums in Ung. Hradisch in Mähren

für das Schuljahr 1875 ... 1. *Die Flora von Ungarisch-Hradisch* und Umgebung ... 2. Schulnachrichten ... U. Hradisch (Selbstverlag des k.k. Real- und Obergymnasiums ...) [1875]. Qu. (*Fl. U. Hradisch*).
[*Part 1*]: 1875, p. [1]-27. *Copy*: HH. – Schulnachrichten on p. 28-38.
[*Part 2*]: 1876 (n.v.), (ÖbZ 1 Nov 1876, Bot. Zeit. 1 Dec 1876), p. 3-18.

Schlosser, Ritter **von Klekovski, Joseph Calasenz** (1808-1882) Moravian-born Austrian physician and botanist; Dr. med. Torino 1836; external practicing physician with the Vienna general hospital 1836; private physician in Slavonia and Croatia 1836-1838; "Badearzt" in the Kurort Teplitz 1838-1844; regional physician of the Kreutzer Komitat 1844-1854; governmental physician of the Agram [Zagreb] Komitat 1854-1861; from 1861-1864 again at Kreutz; regional medical supervisor (Landes-Protomedikus) for Croatia and Slavonia 1864; ennobled 1867. (*Schloss.*).

HERBARIUM and TYPES: B (extant); further material at BP, CGE, E, GOET, MW, ZA. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 127, 5(2): 189; Barnhart 3: 230 (b. 25 Jan 1808, d. 27 Apr 1882); BM 4: 1841; Bossert p. 353; CSP 5: 494, 12: 658; Futak-Domin p. 526; Hegi 4(1): 263, 5(2): 1364; Herder p. 193; Hortus 3: 1203; Jackson p. 265; Kanitz p. 129, 130 (no. 185); Klásterský p. 165; PR 8239-8242, 10635, ed. 1: 9170; Rehder 1: 447; TL-2/6306; WU 30: 142-143.

BIOFILE: Anon., Bot. Centralbl. 11: 34. 1882 (d.); Brit. Mus. gen. cat. print. books 215: 137-138 (add. bot. titles); Bull. Soc. bot. France 29 (bibl.): 141. 1882 (d.); J. Bot. 21: 382. 1883 (d.); Österr. bot. Z. 11: 197. 1861 (back to Kreutz), 14: 90. 1864 ("prov. Protomedicus und Statthaltereirath" Croatia-Slavonia), 16: 192. 1866 (member acad. Agram), 32: 240. 1882 (d.).
Beck, G., Veg.-Verh. Illyr. Länd. 11, 41. 1901 (Veg. Erde 4).
Elvert, Ch. d', Zur Geschichte und Pflege der Naturwissenschaften in Mähren und Schlesien 192, 254. 1868.
Forenbacher, A., Naša fitogeografija od Schlossera Vukotinovića do danas 1906 (n.v.).
Kanitz, A., Magy. növen. Lap. 6: 93-95. 1882 (obit.).
Lack, H.W., Willdenowia 10: 56, 75. 1980 (herb. mat. in coll. zool.-bot. Ver. Wien at B, incl. types).
Oborny, A., Verh. naturf.-Ver. Brünn 21(2): 14. 1882.
Pluskal, F.S., Verh. zool.-bot. Ver. Wien 6: 369. 1856.
Podpěra, J., Pr. mor.-slez. Akad. přír. 19(7): 7. 1948.
Rossi, L., Dr. Jossib Calasancij Schlosser vitez Klekovski, Agram 1884 (n.v., fide Bot. Centralbl. 21: 63. 1885).
Skofitz, A., Österr. bot. Z. 19(1): 1-5. 1869 (biogr., portr.).
Wagenitz, G., Index coll. princ. herb. Gott. 148. 1982.
Wittrock, V.B., Acta Horti Berg. 3(2): 157-158. 1903 (on portr.).

NOTE: Travel reports Croatia:
(1) *Reiseflora aus Süd-Kroatien* 1852: Österr. bot. W. 2: 322-325. 7 Oct, 329-332. 14 Oct, 337-340, 21 Oct, 345-348. 28 Oct, 355-356. 4 Nov, 361-363. 11 Nov, 369-370. 18 Nov, 377-379. 25 Nov, 385-387. 2 Dec, 393-394. 9 Dec, 401-402. 16 Dec 1852.
(2) *Naturhistorische Wanderungen* durch einige Gegenden Nord-Croatiens im Jahre 1853: Österr. bot. W. 4: 107-109. 30 Mar, 114-117. 6 Apr, 122-124. 13 Apr, 131-134. 20 Apr, 137-141. 27 Apr, 145-147. 4 Mai 1854 (with Ludwig von Farkaš Vukotinović, 1813-1893).
(3) *Reiseflora aus Süd-Kroatien* [186]: Österr. bot. W. 7: 246-248. 30 Jul, 254-256. 6 Aug, 263-265. 13 Aug, 270-272. 20 Aug, 279-281. 27 Aug 1857.
(4) *Geognostisch-botanischer Reisebericht über das kroatische Küstenland*, das Likaner und Otočaner Grenz-Regiment, von Dr. Joseph Schloser [sic] and Ludwig v. Vukotinović s.l.n.d., p. [1]-9. *Copy*: LC.
(5) Not seen by us: *Bilinar. excursuria.* Upsala u sabiranje i označivanje bilinah u Hrvatskoj i Dalma ciji. Zagreb 1876. Oct., xxvii, 606 p.

EPONYMY: *Schlosseria* Vukotinović (1857).

10.824. Dissertatio inauguralis botanica *de Papilionaceis in Germania sponte crescentibus* quam consensu et auctoritate illustrissimi, sapientissimi ac magnifici domini rectoris, perillustris facultatis medicae p. directoris spectabilis domini decani nec non clarissimorum ac celeberrimorum d.d. professorum auspice doct. Josepho Moretti ... pro doctoris medicinae laurea in antiquissima ac celeberrima universitate ticinensi publicae disquisitioni submittit Josephus Calasanctius Schlosser moravus heinrichswaldensis. In theses adnexas disputabitur in Universitatis aedibus mense Martii 1836. Ticini regii [Torino] (ex Typis Fusi et Socii) [1836]. Oct. (*Papil. Germ.*).
Publ.: Mar 1836, p. [1]-52. *Copy*: G. – The Genève copy has on p. 3 of the cover corrigenda in handwriting signed by Schlosser. – This is a Moretti dissertation to be attributed to the defendant; see note on TL-2/6306.

10.825. *Anleitung, die im Mährischen Gouvernement wildwachsenden* und am häufigsten cultivirten phanerogamen *Pflanzen* nach der analytischen Methode durch eigene Untersuchungen zu bestimmen ... Brünn [Brno] (Gedruckt bei Rud. Rohrer's sel. Wittwe) 1843. Oct. (*Anleit. Mähr. Gouvt. Pfl.*).
Publ.: 1843, p. [i*-ii*], [i]-iv, [5]-401, [i]-xxxxii, [xxxxiibis], xxxxiii-li. *Copies*: B-S, G; IDC 1058.

10.826. *Syllabus florae croaticae* additis descriptionibus specierum novarum auctoribus Dr. Josepho Calas. Schlosser, et Ludovico Farkaš Vukotinović ... [Zagreb, Agram] (typis Dr. Ludovici Gaj.) 1857. Oct. (*Syll. fl. croat.*).
Co-author: Ludwig von Farkaš Vukotinović (1813-1893).
Publ.: late Dec 1857 (p. v: Mar 1857; ÖbZ 17 Dec 1857 "Ende December erscheint in Agram ...", brief review ÖbZ 1 Mai 1858), p. [i]-v, [3]-192, [i]-xvi. *Copies*: G, H, NY.

10.827. *Flora croatica* exhibens stirpes phanerogamas et vasculares cryptogamas quae in Croatia Slavonia et Dalmatia sponte crescunt nec non illas quae frequentissimae coluntur ... Zagrabiae [Zagreb, Agram] (apud Fr. Župan (Albrecht et Fiedler)) 1869. Oct. (*Fl. croat.*).
Co-author: Ludwig von Farkaš Vukotinović (1813-1893).
Publ.: 1869 (Flora 10 Sep 1869; BSbF post 15 Nov 1869; ÖbZ 1 Jun 1869), p. [i]-cxli, [1]-1362. *Copies*: B, G, MO, NY. – p. viii: "Omnium initiam est durum".
Preliminary publ.: (1) J.C. Schlosser, Vorarbeiten zu einer Flora Croatiens, Österr. bot. W. 2: 322-325, 329-332, 337-340, 345-348, 353-356, 361-363, 369-370, 377-379, 385-387, 393-394, 401-402. 1852, 7: 246-248, 254-256, 263-265, 270-272, 279-281. 1857.
(2) J.C. Schlosser & L. Vukotinović, Naturhistorische Wanderungen durch einige Gegenden Nord-Croatiens im Jahre 1853, Österr. bot. W. 4: 107-109, 114-117, 122-124, 131-134, 137-141, 145-147. 1854.
(3) A Croatian prepublication of the flora in Jugoslav. Akad. znan., umjet., Zagreb [Agram] 4, 1868 was not seen by us.
Additions: A. Neilreich, *Nachtr. Veg.-Verh.-Croatien* 1869, see TL-2/6725.
Note: Schlosser dedicated *Senecio Vukotinovici* (Schlosser, Österr. bot. Z. 31: 5. Jan 1881) to his co-author.
Ref.: Kanitz, A., Flora 52: 317-318. 10 Jul 1869 (rev.).

Schlotheim, Ernst Friedrich [Freiherr, baron] **von** (1764-1832), German (Thüringian) magistrate, palaeontologist and geologist; educated at the Gotha gymnasium 1779-1781; studied public administration and natural sciences at Göttingen and geology at the Freiberg (Saxony) mining academy; entered the Gotha civil service 1793 as "Beisitzer" (assessor), "dirigierender Rat" (1805), Präsident des Kammercollegiums (1817) and Oberhofmarschall (1828); pioneer palaeobotanist. (*Schloth.*).

HERBARIUM and TYPES: Palaeobotanical collections in the Museum für Naturkunde, Bereich Paläontologisches Museum, Humboldt Universität, Berlin, D.D.R. (Storch 1981). Dr. Storch informed us that by October 1981, 60% of the Schlotheim collection had been retrieved. – See also Syst. Verz. Petref.-Samml., Gotha 1832, below.

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 550-551 (C.W. v. Gümbel); Andrews op. 327-328; Barnhart 3: 230 (b. 2 Apr 1764, d. 28 Mar 1832); BM 4: 1841, 8: 1154; Bossert p. 353; CSP 5: 495; DSB 12: 182-183 (B. von Freyberg); Frank 3 (Anh.): 91; Herder p. 352; Jackson p. 175, 176; Moebius p. 379; NI 1776-1777, 1: 251, 3: 60; PR 8243-8245, ed. 1: 9171-9173; Quenstedt p. 383; TL-1/1171; TL-2/191.

BIOFILE: Andrews, H.N., The fossil hunters 52-54. 1980.
Anon., Encycl. brit. ed. 11. 24: 342. 1911; Flora 15: 302-303. 1832 (obit.).
Barthel, M., Gleditschia 9: 45-55. 1981 (type locality Manebach).
Credner, Ch., Neu. Nekrolog Deut. 10(1) (1832): 246-250. 1834.
Daber, R., Wiss. Z. Humboldt Univ. Berlin, math.-nat. R. 19(23): 249-255. 1970 (evaluation; collections extant at Museum für Naturkunde, Humboldt Univ.; proposes to re-admit Petrefactenkunde to botanical nomenclature.
Freydank, H., Z. Erzbergbau Metalhüttenwesen 12: 384. 1959 (on S. and A. v. Humboldt).
Glass, B. et al., Forerunners of Darwin 248. 1968.
Hölder, H., Geol. Paläont. Text. Gesch. 314, 355, 415, 432, 435, 436, 439. 1960.
Jessen, K.F.W., Bot. Gegenwart Vorz. 355. 1864.
Langer, W., Natur u. Museum 112(3): 77-79. 1982 (100th anniv. of death; portr., brief general acc.).
Mägdefrau, K., Beitr. Geol. Thüringen 6(2): 89. 1941; Gesch. Bot. 95, 236-238, 240, 297. 1973.
Oschmann, M., Bergakad. 16(7): 444-448. 1964 (see also Zentralbl. Geol. 1: 918-919. 1965) (detailed biogr., bibl., portr.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 810. 1863, 7a: 590-591. 1971 (biogr. refs., refs. to mss.).
Schmid, G., Goethe u.d. Naturw. nos. 312, 700, 1114, 4317. 1940.
Schmidt, Heinr., Gesch. Entwicklungslehre 322-323, 327. 1918.
Schwippel, K., Gaea 27: 425-426. 1891.
Storch, D., Taxon 30: 209-218. 1981 (well documented proposal to accept Schlotheim's Petrefactenkunde as the starting point work for paleobotanical nomenclature).
Tornier, G., S.B. Ges. naturf. Fr. Berlin 1924: 60. 1926.
Vollmer, C., Funde, Forscher und Frühmenschen 7-12, 16. 1958.
Ward , L.F., Ann. Rep. U.S. Geol.-Survey 5: 370-371, 400-401, 427-428. 1885.
Whewell, W., Proc. geol. Soc. London 3(61): 73. 1839.
Zischka, G.A., Allg. Gelehrt.-Lex. 579. 1961.
Zittel, K.A. von, Gesch. Geol. Paläont. 863 [index]. 1899; Hist. geol. palaeontol. 48, 84, 125, 126, 127, 129, 363, 367, 389, 405. 1901.

HANDWRITING: Argumenta palaeobotanica, ed. W. Remy, 1: pl. preceding p. 19. 1966.

EPONYMY: *Ernestia* Florin (1927); *Ernestiodendron* Florin (1934); *Schlotheimia* S.E. Bridel (1812); *Schlotheimia* Sternberg (1821).

SCHLOTHEIM-HEFT: Argumenta palaeobotanica, ed. W. Remy, 1, 1966 ("Founder of scientific palaeobotany); contains e.g. biographical sketch with portrait and a partial bibliography by W. Langer (p. 19-40). For a nearly complete bibliography see Oschmann (1964).

10.828. *Beschreibung merkwürdiger Kräuter-Abdrücke* und Pflanzen-Versteinerungen. Ein Beitrag zur Flora der Vorwelt ... Erste Abtheilung. Gotha (in der Beckerschen Buchhandlung ...) 1804. †. Fol. (*Beschr. Kräuter-Abdr.*).
Publ.: 1804, p. [1]-68, *pl. 1-14* (Capieux fec., uncol. copp.). *Copies*: BR, HH, PH, USGS. *Re-issue plates*: see below, *Merkw. Versteinerung* (1832).

10.829. *Die Petrefactenkunde* auf ihrem jetzigem Standpunkte durch die Beschreibung seiner Sammlung versteinerter und fossiler Überreste des Thier- und Pflanzenreichs der Vorwelt erläutert ... Gotha (in der Becker'schen Buchhandlung) 1820. Oct. (*Petrefactenkunde*).
Publ.: 1820, p. [i]-lxii, [lxiii], [1]-437, *pl. 15-29* (uncol. copp. Theod. Goetz). *Copies*: BR,

NY, Teyler, U. – Article 13.1(i) (ICBN 1978): starting point date for the nomenclature of fossil plants, "all groups, 31 Dec 1820 (Sternberg, *Flora der Vorwelt, Versuch* 1: 1-24, *t. 1-13*). Schlotheim, *Petrefactenkunde*, 1820, is regarded as published before 31 Dec 1820." The Sydney Botanical Congress (1981) postponed, for further consideration, a proposal by Storch (1981) to change this to 1 Jan 1820 thus including the *Petrefactenkunde* among the literature to be taken into account for the nomenclature of fossil plants. The *Petrefactenkunde* provides no generic descriptions. The numbering of the *plates* (*15-29*) continues that of the *Beschr. Kräuter-Abdr.* (1804). – The BR and Teyler copies have a page [438], instructions to binder which accompanied a cancel leaf for p. 43/44.

Separate issue of plates: 1820, cover-t.p., *pl. 15-29* (id.). *Copy*: PH. – *xv Kupfertafeln z. B. von Schlotheims Petrefaktenkunde* ... Gotha (id.) 1820.

Nachträge: 1822, p. [i]-xi, [xii, cont.], [1]-100, *pl. 1-21* (id.). *Copies*: BR, NY, PH, Teyler, USGS. – Counts for nomenclatural purposes. – "*Nachträge zur Petrefactenkunde* ..." Gotha (in der Becker'schen Buchhandlung) 1822. Oct.

Nachträge 2: 1823, p. [i-iii], [1]-114, *pl. 22-37* (id.). *Copies*: BR, NY, PH, Teyler, USGS. – Counts for nomenclatural purposes. – "*Nachträge* ... Zweyte Abtheilung ..." Gotha (id.) 1823. Oct.

Separate issue of the plates: 1822-1823, cover-t.p., *pl. 1-21*, cover-t.p., *pl. 22-37*. *Copy*: PH. – "... *Kupfertafeln zu* ... *Schlotheim's Nachträgen zur Petrefaktenkunde*". Gotha (id.).

Re-issue of the plates: see below, *Merkw. Versteinerung*. (1832).

10.830. *Merkwürdige Versteinerungen* aus der Petrefactenksammlung des verstorben wirklichen Geh. Raths Freiherrn v. Schlotheim ... Gotha (Becker'sche Buchhandlung) 1832. Oct. (*Merkw. Verstein.*).

Publ.: 1832 (p. iv; Sep 1832). Issued in two "Hefte", p. [i-iv], [5]-34, *pl. 1-29, 1-37* (uncol. copp. Theod. Goetz). *Copies*: BR, USGS. – A reissue of the plates of the *Beschr. Kräuter-Abdr.* (1804) of the *Petrefactenkunde* 1820, Nachtr. 1, 1822, Nachtr. 2, 1823). With a list of the plates and an alphabetical index but without the main text of the original works. Heft 1 contained *pl. 1-29*, Heft 2, *pl. 1-37*. The text of the lists of plates shows minor differences.

10.831. *Systematisches Verzeichniss der Petrefacten-Sammlung* des verstorbenen wirklichen Geh.-Rats Freiherrn v. Schlotheim. Gotha 1832. Oct. (*Syst. Verz. Petref.-Samml.*).

Publ.: 1832, p. [i*-ii*], [i]-viii, [1]-80. *Copy*: NY.

Schlotterbeck, Julius Otto (1865-1917), American botanist and pharmacist; Dr. phil. Bern 1896; lecturer at the University of Michigan, Ann Arbor, Mich. 1888-1897; asst. professor of pharmacognosy 1897-1904; prof. of pharmacognosy and botany 1904-1917 and dean of the College of Pharmacy ib. 1905-1917. (*Schlotterbeck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 230 (b. 1 Sep 1865, d. 1 Jun 1917); BM 4: 1841; Rehder 1: 121, 2: 440.

BIOFILE: Anon., First cent. Philad. Coll. Pharmacy 214, 220. 1922 (portr.); Science ser. 2. 46: 34. 1917 (d.); Who's who in America 1903-1905: 1305-1306, 7: 1845-1846. 1912-1913, 8: 2067. 1914-1915, 9: 2171. 1916-1917, 10: 2396. 1918-1919; Who was who Amer. 1: 1088. 1968.

Stearns, F. & Company, Amer. J. Pharm. 89: 336-338. 1917 (obit.).

10.832. *Beiträge zur Entwicklungsgeschichte pharmakognostisch wichtiger Samen.* Inaugural-Dissertation zur Erlangung der Doktorwürde vorgelegt der hohen philosophischen Fakultät der Universität Bern ... Bern (Buchdruckerei Neukomm & Zimmermann) 1896. Oct. (*Beitr. Entw.-Gesch. pharmakogn. Samen*).

Publ.: 1896 (imprimatur Univ. 28 Jul 1896; Nat. Nov. Aug(2) 1897), p. [1]-56, *pl. 1-5* (uncol. liths. auct.). *Copies*: G, NY.

Schlotthauber, August Friedrich (x-1872), German botanist, zoologist and high school teacher in Hamburg, later in Göttingen; Dr. phil. h.c. Jena 1860. (*Schlotthauber*).

HERBARIUM and TYPES: Unknown. Offered a herbarium of 15.000 nos. for sale in 1860 (Bonplandia 8: 188. 1860). – *Letters* to D.F.L. von Schlechtendal in HAL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 230; PR 5: 771.

BIOFILE: Anon., Göttingen Zeit. 12 Nov 1872 (d. 10 Nov 1872); Österr. bot. Z. 10: 335. 1860 (Dr. phil. h.c. Jena).
Meinhardt, G., Göttinger Originale, ed. 4, 1982, p. 111-113 (with portr. drawing).
Schlotthauber, A.F., Bonplandia 8: 188. 1860 (offers his herbarium of 15.000 specimens and other collections for sale).
Wagenitz, G., *in* Litt. 29. Sep 1981 (ca. 1844 in Hamburg; at least from 1857 in Göttingen).

NOTE: Published e.g. (see CSP 5: 495) *Enumeratio diagnostica et descriptiva Utricularinarum et Droseracearum*, quas Ludovicus Preiss, ... in Novae Hollandiae ... "Terra Leaenae" ... reportavit ..." Bonplandia 4: 102-117. 1 Apr 1856.

10.833. *Mittheilungen* von Aug. Friedr. Schlotthauber, Privatlehrer und Naturforscher. *Excurs Nro. 12.* Kritik einiger in Alex. v. Humboldt's Kosmos, Schleiden's die Pflanze &c. enthaltener, naturwissenschaftlichen Thesen und Hypothesen zur Rechtfertigung des, in meinem 11. Excurse ausgesprochenen, Vorwurfs der Trüglichkeit menschlicher Ideen und Urtheile. Göttingen (Druck von Wilhelm Klugkist in Münden) 1855. Oct. (*Mitt. Excurs. 12*).
Publ.: 27 Mar 1855, p. [1]-16. *Copy*: NSUB.

10.834. *Die deutschen Seerosen* (Nymphaeen), ihre Vermehrung, Cultur und Keimung und ihre Stellung im natürlichen System [Separatabdruck der "Hamburger Garten und Blumenzeitung"]. [1865]. Oct.
Publ.: Mai 1865 (p. 15: Apr 1865; copy NSUB dated by author 29 Mai 1865), p. [1]-15. *Copy*: NSUB. – Reprinted and to be cited from Hamb. Gart. Blum.-Zeit. 21: 193-207. 1865 [n.v.].

Schlümbach, Friedrich Alexander von (*fl.* 1809-1811), German (Bavarian) forestry botanist at Nürnberg. (*Schlümbach*).

HERBARIUM and TYPES: A "xylotheka" consisting of 158 boxes with wood and bark samples as well as dried specimens of branches, leaves and fruits, is at the Museum 't Coopmanshûs, Franeker, the Netherlands; this wood collection was assembled by von Schlümbach and bought by Louis Napoleon [with Dutch funds] for the then Frisian University at Franeker.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1841; Herder p. 294; NI 1778; PR 8246; Rehder 3: 289; Tucker 1: 631.

BIOFILE: Anon., Het botanisch kabinet, prospectus exhibit 7 Jul-4 Oct 1980, Museum 't Coopmanshûs, Franeker, 1981 (brief description with sample illustration of xylotheca).

10.835. Friedrich Alexander von Schlümbach, ... *Abbildung der hauptsächlichsten in- und ausländischen Nadelbäume* welche besonders in dem Königreich Baiern wild gefunden werden; nebst den sich am häufigsten dabey aufhaltenden schädlichsten Insekten; mit Anzeige der Zweckmässigsten Vorbauungs- und Ausrottungs-Mittel der Insekten; dann mit einigen Fragen und mit einer Anleitung zu amtlichen Berichten nach dem baierischen Geschäftsgang; ingleichen mit einer Holzsaamen-Preisstabelle. Erster [Zweyter] Theil, ... Nürnberg (zu finden bey dem Verfasser) 1810-1811, 2 parts. Qu. (*Abbild. ausländ. Nadelbäume*).

1: 1810 (p. iii: 4 Aug 1810), p. [i]-vi, [1]-76, *pl. 1-9* (handcol. copy J.A. Bischoff, Val. Bischoff; J.S. Winterschmidt).
2: 1811 (p. [vii]: 3 Aug 1811; p. 28: 4 Mar 1811), p. [i]-vi, [vii], 77-131, [132, coloph.], *pl. 10-18* (id.).
Copy: HH.

Schmalhausen, Johannes Theodor [Ivan Fedorovich Schmal'hausen, Shmal'gauzen] (1849-1894), Russian aktuo- and palaeobotanist; studied at the University of St.-Petersburg ("Magister" 1874); studied with Heer and A. de Bary; Dr. phil. and habil. St. Petersburg 1877; from 1876-1879 curator at the botanical garden ib.; professor of botany at the University and director of the Botanical Garden of Kiew 1879-1894; member of the International Commission of botanical Nomenclature 1892-1894. (*Schmalh.*).

HERBARIUM and TYPES: KW; further material at LE. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 867-868; Andrews p. 328; Barnhart 3: 230 (b. 3/15 Apr 1849, d. 7/9 Apr 1894); Biol.-Dokum. 16: 8097; BJI 1: 51-52; BM 4: 1842; Bossert p. 353; CSP 18: 534-535; Herder p. 121, 162, 352; Hortus 3: 1203; IH 1 (ed. 6): 364, (ed. 7): 342; Jackson p. 87, 190; Morren ed. 10, p. 98; Quenstedt p. 384; Rehder 5: 771; TL-2/see E. Regel; TR 1243-1248*; Tucker 1: 631; Zander ed. 10, p. 712, ed. 11, p. 812.

BIOFILE: Andrews, H.N., The fossil hunters 364-365. 1980.
Anon., Bot. Centralbl. 58: 288. 1894 (d.); Bot. Jahrb. 18 (Beibl. 45): 39. 1894 (d.); Bot. Not. 1895: 38 (d.); Bot. Zeit. 37: 64. 1879 (app. Kiew), 52: 170. 1894 (d. 6/18 Apr 1894); Bull. Acad. Sci. St.-Pétersbourg ser. 5. 1: 3-6. 1894 (obit., bibl.); Bull. Soc. bot. France 25 (bibl.): 238. 1879 (app. Kiew); Fl. eur. chasti SSSR 1: 7-9. 1974; Kiew Univ. Obsh. est. Zapiski 15(1): vii-xxxix. 1896 (obit., portr.); Leopoldina 30: 111. 1894 (obit.); Mém. Soc. natural. Kiew 15(1): vii-xxxix. 1896 (obit., portr., bibl.); Nat. Nov. 1: 57. 1879 (app. Kiew), 16: 212. 1894 (d.); Verh. bot. Ver. Brandenburg 36: lxxxix. 1895.
Bourdeille de Montresor, Bull. Soc. Imp. natural. Moscou ser. 2. 7: 450-453. 1894 (bibl.).
Fedorov, An. A., ed., Fl. part. Europ. URSS 1: 7-9. 1974 (portr.).
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 343. 1938 (dir. bot. Kiew).
Herder, F. v., Bot. Centralbl. 58: 386. 1894 (dupl. E).
Lipsky, V.I., Imp. S.-Pętersb. bot. sada 3: 474-479. 1915 (portr.; biogr. sketch, bibl.).
Regel, R. von, Ber. deut. bot. Ges. 12: (34)-(39). 1894 (obit., bibl. (with Korzschinsky)).
Szymkiewicz, D., Bibl. Fl. Polsk. 124. 1925 (bibl.).
Weiling, F., Decheniana 126: 10-12. 1974 (on S. and Mendel).

HANDWRITING: S.V. Lipschitz & I.T. Vasilczenko, Central herbarium of the USSR 133. 1968.

EPONYMY: *Schmalhausenia* C. Winkler (1892).

10.836. *Beiträge zur Kenntniss der Milchsaftbehälter der Pflanzen* ... St.-Pétersbourg (Commissionaires de l'Académie impériale des Sciences ...) 1877. Qu. (*Beitr. Kenntn. Milchsaftbeh.*).
Publ.: 1877 (mss. submitted 25 Jan 1877), p. [i], [1]-27, *2 pl. Copy*: M. – Issued as Mém. Acad. Sci. St.-Petersb. ser. 7. 24(2).

10.837. *Beiträge zur Jura-Flora Russlands* ... St.-Pétersbourg (Commissionnaires de l'Académie impériale des Sciences ...) 1879. Qu. (*Beitr. Jura-Fl. Russl.*).
Publ.: Nov-Dec 1879 (p. ii: impr. Nov 1879), p. [i-ii], [1]-96, *pl. 1-16* (uncol. liths. auct.). *Copies*: U, US, USGS. – Issued as Mém. Acad. Sci. St.-Pétersbourg ser. 7. 27(4). 1879.
Abstract: Mél. phys. Bull. Acad. St. Pétersbourg 25: 345-348. 1879.

Ref.: N.L., Bot. Zeit. 38: 160 (27 Feb), 488 (25 Jul), 736. 22 Oct 1880.

10.838. *Beiträge zur Tertiärflora Süd-West-Russlands* ... Berlin (Druck und Verlag von G. Reimer) 1833 [1884]. Qu.
Publ.: 1884 (date on cover; t.p.: 1883), p. [1]-53, [i], *pl. 1-14*. *Copy*: U. – Reprinted and to be cited from Palaeont. Abh. 1(4): 285-335 [i], *pl. 28-41*.

10.839. Wissenschaftliche Resultate der von der kaiserlichen Akademie der Wissenschaften zur Erforschung des Janalandes und der neusibirischen Inseln in den Jahren 1885 und 1886 ausgesandten Expedition. Abtheilung II: *Tertiäre Pflanzen der Insel Neusibirien* ... St.-Pétersbourg (Commissionnaires de l'Académie impériale des Sciences ...) 1890. Qu.
Publ.: Jan-Mai 1890 (p. ii, imprimatur Jan 1890), p. [i-ii], [iv], [1]-22, [23], *pl. 1-2* with text (uncol.). *Copy*: NY. – Issued and to be cited as Mém. Acad. Sci. Pétersbourg ser. 7, 37(5). Introduction by Baron E. v. Toll.
Ref.: Niedenzu, F., Bot. Jahrb. 12 (Lit.): 14-15. 24 Jun 1890 (rev.).
Zeiller, R., Bull. Soc. bot. France 37: 165-166. 1890 (rev.).

10.840. *Ueber Devonische Pflanzen* aus dem Donetz-Becken ... St.-Pétersbourg (Commissionaires du Comité géologique ...) 1894. Qu.
Publ.: 1894 (Bot. Centralbl. 14 Aug 1894), p. [i-ii], [1]-36, *pl. 1-2* (uncol. liths. auct.). *Copy*: NY. – Issued and to be cited as Mém. Comité géol. 8(3). 1894.

10.841. *Flora ssrednej i jushnoj Rossii*, Kryma i ssjewernago Kavkasa ... Kiew 1895-1897, 2 vols. Oct. (*Fl. ssredn. jushn. Rossii*).
1: 1895 (p. vi: Feb 1895), p. [i]-xxx, [xxxi], [1]-468, portr. author.
2: 1897 (Nat. Nov. Jan(2) 1898), p. [i]-xvi, [1]-752. – See also his Flora of S.W. Russia (in Russian), Kiew 1886, 48, 783 p.
Copies: B, H-UB.
Ref.: Busch, N.A. (Dorpat), Bot. Centralbl. 67: 21. 30 Jun 1896 (rev. 1).
Fedchenko, B., Bot. Centralbl. 75: 84. 6 Jul 1898 (rev. 2).
Lehmann, E., Bot. Zeit. 55: 360-361. 1 Dec 1897 (rev. 1, 2).

Schmalz, Eduard (1801-1871), German (Saxonian) botanist and surgeon, practicing in Königsbrück 1824-1827; Dr. med. Leipzig 1827; practicing at Leipzig from 1827; ultimately physician for the poor in Dresden. (*Schmalz*).

HERBARIUM and TYPES: Bought by G.L. Rabenhorst, q.v. Contains e.g. lichens from Leipzig and Königsbrück, mostly checked by E. Fries (see GR p. 132). – A mss volume with 140 drawings by Schmalz (mostly watercolours of higher fungi) is [was?] at the Sächsiche Landesbibliothek, Dresden (*Tabulae fungos praesertim carnosos Saxoniae*, ...) (*Pieschel 1929*).

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 16: 8098; BM 4: 1842; CSP 5: 496; GR p. 132; Herder p. 188; Krempelh. 1: 484; LS 23997-23999; PR 8247-8248, ed. 1: 9174-9175; Rehder 1: 377.

BIOFILE: Anon., Flora 6(2) Beil. 2: 53-64. 1823 (dupl. coll.).
Pieschel, E., S.B. Isis, Dresden 1927-1928: 56-64. 1929 (mss. ills.).
Schade, A., Nat. lusat. 5: 29. 1961.

NOTE: Not to be confused with the Saxonian agriculturist Friedrich Schmalz (b. 25 Jan 1781, d. 15 Mai 1847) author of a *Theorie des Pflanzenbaus* (1840, publ. 7-13 Jun 1840, Hinrichs) and an *Anleitung zur Kenntniss und Anwendung eines neuen Ackerbausystems* (1842).

10.842. *Dispositio synoptica generum plantarum* circa Dresdam et sponte crescentium et in agris frequentius cultarum, adjectis familiis naturalibus, ... Tabellarische Uebersicht der Gattungen von den um Dresden wildwachsenden und auf Aeckern gebauten Pflanzen, nebst den natürlichen Familien, ... Als Anhang zu Dr. H.D.A. Ficinus Flora

von Dresden. Dresden (In der Arnoldischen Buchhandlung) 1822. Fol. (*Disp. syn. gen. pl.*).
Publ.: 1822 (p. 3: 18 Mai 1821, date of preface by H.D.A. Ficinus), p. [1]-37. *Copies*: B-S, FI, G. – For H.D.A. Ficinus, *Fl. Dresden* see TL-2/1768. Schmalz in his "Vorrede" to the *Dispositio* on p. 3 refers to Ficinus as residing in Königsbrück (nr. Dresden); he was born in Lommatzsch (Saxony) on 18 Mai 1801 (PR). – See also his *Kryptogamische Beiträge zur Flora der Gegend um Dresden*, Flora 6: 566-573. 1823.
Ref.: Anon., Flora 5(2), Beil. 2: 24-30. Jul-Dec 1822.

10.843. *Prospectus. Fungorum species* novis iconibus novisque descriptionibus illustratae. Pars i. Fungi carnosi. Cum pluribus mycologis editurus est Eduardus Schmalz ... accedunt tabulae ii coloratae s.l.n.d. [1827]. Qu. (*Prosp., Fung. sp.*).
Publ.: 1827 (see German version below), p. [1]-7, *2 pl.* (col. copp. auct.). *Copies*: G(2).
German translation: Flora 10(2), Beil. 1: 1-15. Jul-Sep 1827, dated 1 Mai 1827 on p. 15; accompanied by one of the two plates, that of *Fistulina hepatica*. Subscription requested; general plan; Hefte of 25 plates each, with text, foreseen [but not published].
Reissue: 1829, p. [i], [1]-7, *2 pl.* (as above). *Copy*: FH. – "*Commentatio botanica* sistens descriptionem Fistulinae hepaticae Bull. et Agarici volemi Fr. auctore Eduardo Schmalz ... Lipsiae 1829". Qu.
Note: other mycological papers by Schmalz: "*Cryptogamische Beiträge* zur Flora der Gegend um Dresden", Flora 6: 566-576. 1823, and "*Nachricht wegen Abbildungen fleischiger Pilze*", Bot. Zeit. 13: 22. 1855.

Schmeil, [Franz] Otto (1860-1943), German (Saxonian) botanist; high school teacher at Zörbig, Halle, Magdeburg, Marburg, Wiesbaden and, from 1893, in Heidelberg; reformer of the German high school biology curricula. (*Schmeil*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 230 (b. 3 Feb 1860); BFM no. 16, 17; Biol.-Dokum. 16: 8101; BM 4: 1843; Collander p. 481; CSP 12: 535-536; KR p. 625; LS 38943.

BIOFILE: K.R., Frankfurter Allg. Zeit. 3 Feb 1960 (O.S. – Reformer des Biologieunterrichts).
Oberschelp, R., Gesamtverz. deut. Schriftt. 114: 511-519. 1980.
Schmeil, O., Leben und Werk eines Biologen, Heidelberg 1954, 253 p. (autobiogr., edited, with "Lebenswerk", by A. Seybold).
Schmid, B. & C. Thesing, Biol.-Kalend. 1: 305-306. 1914.
Seybold, A., *in* O. Schmeil, Leben und Werk eines Biologen 230-253. 1954 (evaluation).
Verdoorn, F., ed., Chron. bot. 1: 10. 1935.
Zischka, G.A., Allg. Gelehrt.-Lex. 579. 1961.

NOTE: In addition to the *Fl. Deutschl.* Schmeil published a highly successful *Lehrbuch der Botanik* (ed. 1, 1903; ed. 56, by A. Seybold, 1958 (translated e.g. into Dutch and Italian); (with J. Fitschen) *Pflanzen der Heimat* (ed. 1, 1896; ed. 2, 1913, ed. 6, 1937); a *Leitfaden der Botanik* (ed. 1, 1903; ed. 81, 1918; ed. 173 (sic) by Wilhelm J. Fischer, 1951); (with J. Fitschen) *Die verbreitesten Pflanzen Deutschlands* (ed. 1, 1911; ed. 36, 1938) and several botany books for high schools and a series of *Botanische Wandtafeln*.

10.844. *Flora von Deutschland.* Ein Hilfsbuch zum Bestimmen der zwischen den deutschen Meeren und den Alpen wildwachsenden und angebauten Pflanzen ... Stuttgart (Verlag von E. Nägele) 1904. Oct. (*Fl. Deutschl.*).
Co-author: Jost Fitschen (1869-1947).
Ed. 1: Dec 1903 or 1-15 Jan 1904 (preface: Autumn 1903; Nat. Nov. Jan(1) 1904; Bot. Zeit. 16 Feb 1904; Bot. Centralbl. 13 Sep 1904), p. [i]-vi, [1]-333. (n.v.).
Ed. 2: 1905 (Bot. Centralbl. 16 Jan 1906; Nat. Nov. Dec(1) 1905), p. [i]-vii, [1]-394, [395-398]. *Copy*: NSUB.
Ed. 3: 1907 (ABZ 15 Jul 1907; ÖbZ Jun-Jul 1907; Bot. Centralbl. 10 Sep 1907; Bot. Zeit. 1 Aug 1907), p. [1]-394. (n.v.).

Ed. 4: Apr-Mai 1908 (p. viii: Spring 1908; Bot. Zeit. 1 Aug 1908; Bot. Centralbl. 25 Aug 1908; Nat. Nov. Jun(1) 1908), p. [i]-vii, [viii], [1]-418. *Copy*: HH. – Leipzig (Verlag von Quelle & Meyer) 1908. Oct.
Ed. 5: 1908 (Bot. Zeit. 16 Jan 1909; ABZ 22 Jul 1908; Hedwigia 28 Nov 1908), p. [i]-viii, [1]-416 (or 418). Rev.: L. Diels, Bot. Zeit. 67(2): 24. 16 Jan 1909. (n.v.).
Ed. 6: 1909. (n.v.).
Ed. 7: 1910 (p. viii: Spring 1910; Bot. Centralbl. 6 Sep 1910; Nat. Nov. Jun(2) 1910), p. [iii]-vii, [viii], [1]-425. *Copy*: NY. – "Verlag von Quelle & Meyer in Leipzig".
Ed. 8: 1911 (Bot. Centralbl. 29 Nov 1916), p. [i]-viii, [1]-425. (n.v.).
Ed. 9: 1911. (n.v.).
Ed. 10: 1912 (Bot. Centralbl. 12 Nov 1912; Nat. Nov. Sep(2) 1912), p. [i-iv], [1]-437. (n.v.).
Ed. 11: 1912 or 1913, p. [i-iv], [1]-437, (n.v.).
Ed. 12: 1913 (Bot. Centralbl. 4 Nov 1913; Nat. Nov. Aug(1) 1913; AbZ 31 Jul 1913), p. [i-iv], [1]-437. *Copy*: G. Wagenitz.
Ed. 13: 1914 (preface: Spring 1914), p. [i-iv], [1]-439. *Copy*: B.
Ed. 14: 1914 (Bot. Centralbl. 15 Sep 1914; Nat. Nov. Jun(1) 1914), p. [i]-iv, [1]-439. *Copy*: NY. – Unchanged reprint of ed. 13.
Ed. 15: 1915 (Nat. Nov. Jan(1, 2) 1916), p. [i-iv], [1]-439. (n.v.).
Ed. 16: 1915 or 1916, p. [i-iv], [1]-439. (n.v.).
Ed. 17: 1916 (p. iv: Spring 1916; Nat. Nov. Jul(1, 2) 1916), p. [i-iv], [1]-439. *Copy*: B-S.
Ed. 18: (n.v.).
Ed. 19: (n.v.).
Ed. 20: 1918 (p. iv: Spring 1918; Nat. Nov. Aug(1, 2) 1918), p. [i-iv], [1]-439. *Copy*: BR.
Ed. 21: (n.v.).
Ed. 22: 1919 (Nat. Nov. Aug(1, 2) 1919), iv, 439 p.
Ed. 23: (n.v.).
Ed. 24: 1920 (Nat. Nov. Apr(1, 2), Mai(1, 2) 1920), iv, 439.
Ed. 25: (n.v.).
Ed. 26: 1920 (Nat. Nov. Jun 1921), p. [i-iv], [1]-439. *Copy*: NSUB. – Bearbeitet von Jost Fitschen.
Ed. 27: 1921 (p. iii: Spring 1920; Nat. Nov. Sep 1921), p. [i-iv], [1]-439. *Copies*: BR, G, NY. – Unchanged reprint of ed. 20.
Ed. 28: (n.v.).
Ed. 29: 1922 (Nat. Nov. Aug-Sep 1922), p. iv, 439. (n.v.).
Ed. 30: 1922 (p. [v]: Spring 1922), p. [i-vi], [1]-439. *Copies*: H, HH, US.
Ed. 31: 1923 (Nat. Nov. Jun 1923), p. [i-vi], [1]-439. *Copy*: B.
Ed. 32: (n.v.).
Ed. 33: 1923, p. [i-vi], [1]-439. *Copy*: B-S.
Ed. 37: 1927 (p. vi: Mai 1927), p. [i]-vi, [1]-449. *Copy*: B.
Ed. 38: as ed. 37. (n.v.).
Ed. 39: 1928, p. [i]-vi, [1]-449, [450, adv.]. *Copy*: GOET.
Ed. 42: 1930 (Bot. Jahrb. 12 Mai 1931), 450 p. (n.v.).
Ed. 43: 1931 (Hedwigia Apr 1932), 449 p. (n.v.).
Ed. 44: 1932 (Nat. Nov. Jan 1933), vi, 449 p. (n.v.).
Ed. 48: 1936 (Nat. Nov. Aug 1937), vi, 449 p. (n.v.).
Ed. 49: 1937 (p. vi: Summer 1936), p. [i]-vi, [1]-449. *Copy*: B-S.
Ed. 50: 1939 (p. vi: Feb 1939; Nat. Nov. Jul(1, 2) 1939), vi, 449 p. (n.v.).
Ed. 51: 1939 (p. vi: Feb 1939), p. [i]-vi, [1]-449. *Copy*: B-G.
Ed. 52/53: 1941 (p. vi: Feb 1939), p. [i]-vi, [1]-449. *Copy*: USDA. – "Ein Hilfsbuch zum Bestimmen der in Deutschland wildwachsenden und häufig angebauten Pflanzen ... bearbeitet von Jost Fitschen".
Ed. 54-56: 1945, p. [i]-vi, [1]-449. *Copies*: B, HH, MICH, USDA. – Unchanged reprint of ed. 52/53.
Ed. 57-59: 1949, p. [i]-vi, [viii], [1]-449. *Copies*: B(2), B-G, HH. – Quelle & Meyer. Heidelberg.
Ed. 60: 1950, p. [i]-vi, [vii], [1]-449. *Copies*: BR, USDA. – Quelle & Meyer. Heidelberg.
Ed. 63: 1952, p. [i]-vi, [vii], [1]-449. *Copy*: USDA.
Ed. 64: 1954 (p. iv: Spring 1954), p. [i]-viii, [1]-501 *Copies*: B-G, USDA. – 64. voll-

ständig umgearbeitete und erweiterte Auflage ... von Dr. Werner Rauh ... Heidelberg".
Ed. 66: 1956, p. [i-ii], err. slip, [iii]-viii, [1]-501. *Copy*: USDA. – Quelle & Meyer. Heidelberg.
Ed. 67: 1957 (preface: Spring 1957), p. [i]-xi, [xii], 1-501. *Copy*: BR.
Ed. 67/68: 1958, p. [i]-xii, [1]-515. *Copies*: B, G, H, USDA, G. Wagenitz. – "Bearbeitet von Dr. H. Voerkel und Dipl.-Biol. G. Müller" VEB Gustav Fischer Verlag. Jena 1958. – The only known DDR edition.
Ed. 69: 1959, p. [i]-xi, [xii], 1-501. *Copy*: USDA. – "69. Auflage ... von Dr. Werner Rauh ..." Quelle und Meyer. Heidelberg.
Ed. 70: 1960 (p. 5: Spring 1960), p. [1]-549. *Copies*: G, USDA. – by W. Rauh.
Ed. 71: 1960, p. [1]-549. *Copy*: M.
Ed. 72: 1960, p. [1]-549. *Copy*: B-G.
Ed. 73: s.d., p. [1]-549. *Copy*: G.
Ed. 77: 1965, p. [1]-549. *Copy*: G.
Ed. 78: 1965, p. [1]-549. *Copy*: B-G.
Ed. 80: 1965, p. [1]-549. *Copy*: MO.
Ed. 81: 1968 (preface: Apr 1967), p. [1]-516. *Copy*: M. – By Werner Rauh & Karlheinz Senghas.
Ed. 82: s.d., p. [1]-516. *Copy*: B-TH.
Ed. 84: s.d., p. [1]-516. *Copies*: HH, M, NY. – "84. durchgesehene Auflage von Werner Rauh und Karlheinz Senghas ..."
Ed. 85: 1973, p. [1]-516. *Copy*: B-G.

Schmid, [Ludwig] Bernhard [Ehregott] (1788-1857), German (Thüringian) missionary and botanical explorer; nephew of J.K. Zenker (Jena); studied theology at Jena 1807-1810; private teacher at Aachen, Hamburg and Paris 1810-1817; to Madras 1817-1819; in the Nilgiri Hills 1819-1837. (*B. Schmid*).

HERBARIUM and TYPES: JE; other material at B (partially extant), GOET, K, L, MW (700), W ("Plantae nilagiricae"). – *Letters* to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 8; Backer p. 518; Barnhart 3: 231 (b. 20 Mar 1788); BM 4: 1843; Desmond p. 545; PR 10468, ed. 1: 11426; TL-1/1445; Urban-Berl. p. 313, 322.

BIOFILE: Anon., Bot. Zeit. 5: 264. 1847 (plants sent to Zenker at Jena; used by him for *Pl. indic.*, material still at Jena).
Burkill, I.H., Chapt. hist. bot. India 18, 42, 53, 54, 55, 71, 89, 109. 1965.
Chemnitius, F., Die Botaniker an der Universität Jena 16-17. 1930 (donated herbarium to JE).
Jackson, B.D., Bull. misc. Inf. Kew 1901: 58 (942 specimens "Herb." at K).
Lindemann, E. v., Bull. Soc. Imp. Natural. Moscou 61: 67. 1886 (biogr. details; 600 sp. at MW).
Stewart, R.R., Taxon 31(1): 58. 1982.

COMPOSITE WORKS: *A list of plants gathered on the Neilgherries*, particularly in the environs of Ootacamund, *in* R. Baikie, *Observations on the Neilgherries*, Calcutta 1834, p. 129-136.

EPONYMY: *Schmidia* R. Wight (1852).

10.846. *Plantae indicae*, quas in montibus Coimbaturicis coeruleis, Nilagiri s. Neilgherries dictis, collegit Bernardus Schmid. Illustravit Dr. Jonathan Carolus Zenker, ... Jena (August Schmid), Paris (Treuttel et Würtz ...) 1835, 2 decades. (*Pl. ind.*).
Author of text: Jonathan Carl Zenker (1799-1837).
1: 1835 (p. 4 cover: Feb 1835), cover-t.p., p. [1]-10, *pl. 1-10* (col. copp.).
2: 1835, cover-t.p., p. [11]-22, *pl. 11-20* (id.).
Copy: G. – Book number 10.845 has not been used.

Schmid, Eduard (*fl.* 1906), Swiss botanist from Ober-Stammheim; Dr. phil. Zürich 1906. (*Ed. Schmid*).

HERBARIUM and TYPES: Unknown.

10.847. *Beiträge zur Entwickelungsgeschichte der Scrophulariaceae.* Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der hohen philosophischen Fakultät (Mathematisch-naturwissenschaftliche Sektion) der Universität Zürich von Eduard Schmid ... Zürich 1906. Oct. (*Beitr. Entw.-Gesch. Scroph.*).
Publ.: 1906 (Nat. Nov. Feb 1907), p. [i, iii], [1]-125, *pl. 1-2* (uncol., auct.). *Copies*: G, MO. – Arb. Lab. allg. Bot. Pfl.-Phys. Univ. Zürich no. 6.
Ref.: Engler, A., Bot. Jahrb. 38 (Lit.): 39-40. 21 Dec 1906 (extensive and positive review).

Schmid, [Schmid-Gams] **Emil** (1891-x), German (Württemberg) botanist; Dr. phil. Zürich 1923; curator at the Botanical Museum, Univ. Zürich; professor of botany at the University of Zürich 1936-1961. (*Em. Schmid*).

HERBARIUM and TYPES: Z. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 201; Barnhart 3: 230 (b. 18 Feb 1891); BFM 2076-2078, 2128; Biol.-Dokum. 16: 8105; BJI 2: 156; BL 2: 387, 572, 585, 591, 714; Hirsch p. 264; IH 1 (ed. 6): 364, (ed. 7): 342; MW p. 437; Tucker 3: 272.

BIOFILE: Anon., World Biography L-Z, p. 4238. 1948.
Haesler, I., Letter 23 Apr 1982 (Schmid-Gams living at Zollikon, Switzerland).

COMPOSITE WORKS: (1) Collaborator, G. Hegi, *Ill. Fl. Mitt. Eur.* 4(1) and 4(2), see TL-2/2571.
(2) Edited and revised C. Schröter, *Flora des Südens*, ed. 2, 1956; see C. Schröter.

FESTSCHRIFT: Ber. geobot. Inst. E.T.H. Stiftung Rübel 32: 117-283. 1961 (bibl. on p. 280-283).

10.848. *Vegetationsstudien in den Urner Reusstälern* ... Ansbach (Druck von C. Brügel & Sohn A.G.) 1923. (*Veg.-Stud. Reusstäl.*).
Publ.: 1923, p. [1]-164, *pl. 1-4. Copies*: GOET, H. – Mitt. Bot. Mus. Univ. Zürich no. 100.
Thesis issue: 1923, p. [1]-164, *pl. 1-4. Copy*: HH. – "Inaugural-Dissertation zur Erlangung der Philosophischen Doktorwürde vorgelegt der Philosohischen Fakultät II der Universität Zürich".

10.849. *Vegetationskarte der oberen Reusstäler* ... Bern-Berlin (Verlag von Hans Huber) 1930. Oct. (*Veg.-Karte Reusstäl.*).
Publ.: Dec 1930, p. [1]-64, map, *pl. 1-2. Copy*: NY. – Beitr. geobot. Landesaufn. Schweiz 16.

10.850. *Beiträge zur Flora der Insel Sardinien* ... Zürich (Druck von Gebr. Fretz A.G.) 1933. Oct.
Publ.: 16 Nov 1933, cover-t.p., p. [i, recto of 232], [232]-255. *Copy*: B. – Preprinted or reprinted from Vierteljahrsschr. naturf. Ges. Zürich 78: 232-255. 1933.

10.851. *Die Reliktföhrenwälder der Alpen* ... Bern (Verlag Hans Huber) 1936. Oct. (*Reliktföhrenw. Alp.*).
Publ.: Oct 1936 (t.p.), p. [1]-190, folded map, *pl. 1-6. Copies*: B, H, HH, LD, M, USDA, Wagenitz. – Mitt. Bot. Mus. Univ. Zürich 152; Beitr. geobot. Landesaufn. Schweiz 21.

Schmid, Ernst Ehrhard Friedrich Wilhelm (1815-1885), German (Thüringian), meteorologist, mineralogist and naturalist, Dr. phil. Jena 1839; from 1840-1843 lecturer

("Privatdocent") at the University of Jena; from 1843 extraordinary professor of natural history; from 1854 titular professor, from 1856 regular professor id.; also, from 1856 director of the Mineralogical Museum, Jena. (*E.E. Schmid*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 659-661; Andrews p. 328; Barnhart 3: 230 (b. 22 Mai 1815, d. 16 Feb 1885); BM 4: 1843; CSP 5: 497, 8: 868, 18: 536-537; Herder p. 121, 352, 393; PR 8252-8253, ed. 1: 9163; Quenstedt p. 384.

BIOFILE: Anon., Leopoldina 21(5-6): 59. 1885 (d.); Meteorol. Z. 2: 198-199. 1885.
Hryniewiecki, B., Edward Strasburger 13, 76, 77. 1938.
Liebe, K.Th., Neu. Jahrb. Mineral. 1885(1): 6-10. 1885 (obit.).
Mägdefrau, K., Beitr. Z. Geol. v. Thüringen 6: 85-96. 1941 (portr.); Gesch. Bot. 161, 280. 1973.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 812-813. 1863 (bibl.).
Zittel, K.A. von, Gesch. Geol. Paläont. 492, 493, 498, 617, 781. 1899.

COMPOSITE WORKS: (1) With M.J. Schleiden, *Ueber die Natur der Kieselhölzer*, Jena 1855; see under Schleiden.
(2) With M.J. Schleiden, *Encyclopädie der gesammten theoretischen Naturwissenschaften* in ihrer Anwendung auf die Landwirthschaft. 1850 (n.v.).

EPONYMY: *Schmidites* Schleiden (1855).

10.852. *Die geognostischen Verhältnisse des Saalthales bei Jena* ... Leipzig (Verlag von Wilhelm Engelmann) 1846. (*Geogn. Verh. Saalthal.*).
Co-author: Mattias Jacob Schleiden (1804-1881).
Publ.: 1846, p. [i-iv], [1]-72, [73-76], map, *4 pl. Copy*: NSUB; p. 65-72: Ueber die fossilen Pflanzenreste des Jenaischen Muschelkalkes, by M.J. Schleiden.

Schmid, Günther (1888-1949), German (Braunschweig) botanist and historian of biology; Dr. phil. Jena 1912; assistant at the botanical Institute, Univ. Jena 1909-1913; on active service 1913-1919; first assistant at the Botanical Institute of the University of Halle a.S. 1920-1935; habil. Halle 1921; Privatdozent ib. 1921-1928; extraord. professor 1928-1935; from 1935-1946 active as historian of science; ordinary professor for the history of sciences, Halle 1946-1949. (*G. Schmid*).

HERBARIUM and TYPES: Unknown; Schmid's library, and manuscripts are at HAL. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Hirsch p. 264.

BIOFILE: Bohacek, K.A. & F. Schirmer, Bibliographie der Veröffentlichungen von Prof. Dr. Günther Schmid. Halle, 12 Aug 1948, unpaginated (almost complete bibliography: Schmid died 17 Jul 1949; introduction by R. Zaunick).
Chlond, A., Unidentified reprint at B, "Umschau aus und über Bibliotheken", p. 284-285 (note on acquisition of Schmid's library and manuscripts in HAL).
Gittner, H., Pharm. Zeit. 85: 439-440. 1949 (obit., portr.).
M., Liberal-demokratische Zeitung, Halle, 30 Jul 1949 (a visit with G. Schmid).
Scheebeli-Graf, R., Adelbert von Chamisso 42, 242, 306. 1983.
Schmid, G., Goethe u.d. Naturw. 616 [index]. 1940.
Zaunick, R., Pharmaz. Zentralh. Deutschl. 88: 369-370. 1949 (obit.).

THESIS: *Beiträge zur Ökologie der insektivoren Pflanzen*, Flora ser. 2. 4(3): 335-383. *pl. 12-13.* 1912.

NOTE: See Bohacek & Schirmer, 1948 for a detailed bibliography. – Publications in book-form as editor e.g.: Carl Gustav Carus und Carl Fr.Ph. von Martius, eine *Alters-*

freundschaft in Briefen, s.l.n.d. [1939], *Goethes Schriften zur Geologie und Mineralogie* 1770 bis 1810, 1947.

10.853. *Über die Herkunft der Ausdrücke Morphologie und Biologie* geschichtliche Zusammenhänge ... Halle (Saale) (Druck von der Buchdruckerei des Waisenhauses ...) 1935. Oct. *Publ.*: 1935, p. [i], [1]-24. *Copy*: B. – Reprinted and to be cited from Nova Acta Leop. N.F. 2 (3/4, no. 8): [597]-620. 1935.

Schmidel, [Schmiedel] **Casimir Christoph** (1718-1792), German (Bavarian) physician and naturalist; Dr. med. Jena 1742; professor of medicine and pharmacology at the University of Bayreuth/Erlangen 1743-1763; physician to Margrave Carl Alexander in Ansbach 1763; Dr. med. h.c. Erlangen 1783. (*Schmidel*).

HERBARIUM and TYPES: M (in herb. Schreber), further material in G and LINN.

NOTE: The correct orthography is probably Schmiedel (latinized Schmidelius); we have retained Schmidel because it seems to be generally current in botanical nomenclature.

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 700 (W. Hess); Ainsworth p. 115, 311, 347; Backer p. 518; Barnhart 3: 231 (b. 21 Nov 1718, d. 18 Dec 1792); Blunt p. 167; BM 4: 1844, 8: 1154; Dawson p. 736; De Toni 1: cxii; Dryander 3: 69, 81, 91, 255, 340, 341, 342, 386; DSB 12: 185 (by A. Geus; bibl.); DU 276; GF p. 75; GR p. 133; Herder p. 22, 59, 121, 148, 261, 266, 319; Hortus 3: 1203; HU 576; Jackson p. 113; Lasègue p. 66, 335, 528; LS 24003-24004; Moebius p. 116; NI 1780; see also index p. 314 and 3: 60; Plesch p. 400; PR 3296, 8255-8261, ed. 1: 3607, 9183-9196; Quenstedt p. 384; Rehder 1: 291, 5: 771; Saccardo 2: 99; SBC p. 131; Sotheby 682, 683; TL-1/1171a; TL-2/934, 2037, 2285; see J. Burman; Tucker 1: 631-632, 3: 272; Zander ed. 10, p. 712, ed. 11, p. 812.

BIOFILE: Candolle, Alph. de, Phytographie 448. 1880 (herb. at M).
Casper, S.J., Taxon 16: 371-382. 1967 (on publ. of *Icon. pl.*).
Dandy, J.E., Regn. veg. 51: 18. 1967 (Thelypteris, Proboscidea, Teganium, Penstemon validly published. The names in the capitalized headings in the *Icon. pl.* are obviously generic).
Dörfelt, H. & W. Berg, Leopoldina 27:" 161-197. 1981 (publ. 1983) (Hist. Erstern-Abbildungen).
Familler, I., Denkschr. bayer. bot. Ges. Regensburg 11: 15. 1911 (Schmidel's mosses in M).
Fries, Th.M., Bref. Skrifv. Linné 1(2): 261. 1908.
Fuchs, H.P., *in* C. Nissen, Bot. Buchill. 3: 60. 1966 (publ. dates *Icones*); Die "Icones plantarum et analyses partium" in Festschrift für Claus Nissen, Wiesbaden 1973, p. 185-276.
G., Biogr. Lex. hervorr. Ärzte ed. 3. 5: 91. 1962.
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Hall, H.C. von, Epistolae ineditae Caroli Linnaei, Groningen 1830 (contains texts of letters by Schmidel).
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Hulth, J.M. & A.H. Uggla, Bref Skrifv. Linné 2(2): 78-92, 137, 146, 147. 1943.
Jessen, K.F.W., Bot. Gegenwart Vorzeit 320, 395, 447. 1884.
Jourdan, A.J.L., Dict. sci. méd., Biogr. méd. 7: 147-149. 1825 (bibl.).
Leydig, F., Abh. naturf. Ges. Nürnberg 15: 327-355. 1905 (biogr., review of work).
Mägdefrau, K., Gesch. Bot. 35, 78, 259. 1973; Hoppea 37: 141. 1978.
Martius, C.F.P. v., Flora 34(1): 4. 1851 (Schmidel coll. in herb. Schreber and M).
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Sayre, G., Bryologist 80: 517. 1977 (mosses at M).
Sachs, J., Gesch. bot. 21, 133, 212, 472. 1875; Histoire bot. 20, 155, 452. 1892.
Schmid, G., ed., E.G. Carus & C.F.P. von Martius, Eine Altersfreundschaft in Briefen 42, 138. 1939.
Schrank, F. von P., Flora 1: 547. 1818 (Ceylonese plants in Schmidel's coll. in Schreber herbarium; various seeds were still viable).
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COMPOSITE WORKS: Editor of C. Gesneri [Conrad Gesner] ... *Opera botanica* ... Norimbergae [Nürnberg] 1751-1771.

HANDWRITING: Savage, S., Cat. Linn. herb. fig. 52. 1945.

EPONYMY: *Schmidelia* Boehmer (1760); *Schmidelia* Linnaeus (1767); *Schmideliopsis* Felix (1882).

10.854. *Icones plantarum* et analyses partium aeri incisae atque vivis coloribus insignitae adiectis indicibus nominum necessariis figurarum explicationibus et brevibus animadversonibus quas composuit D. Casimirus Christophorus Schmiedel ... curante et edente Georgio Wolfgang Knorrio ... [Nürnberg] (typis Joannis Josephi Fleischmanni) 1747 [-1751]. Fol. (*Icon. pl.*).
Orig. ed. (Ed. Knorr) 1747-1751 (see below), p. [i-vi], 1-28, *pl. 1-9* (col. copp.). *Copy*: HH. – See also Casper (1967).
Ed. Keller (Manipulus I): 1762-1771, for details see table below, Casper, and Fuchs, p. [i], [1]-94, *pl. 1-25* (col. copp.). – *Icones plantarum* ... curante et edente Joanne Christophoro Keller ... Typis Christiani de Launoy mdcclxii. *Copies*: BR, G, MO, NY.
Ed. Bischoff (Manipulus II): 1775-1777, p. [i], [95]-197, [198, index], [1, err.], *pl. 26-50*. *Copies*: BR, G, MO, NY.
Ed. Palm (Manipulus III): 1793-1796, p. [i-iv], 199-280, *pl. 51-75*. *Copies*: B, BR, FH, G, MO, NY.
Ed. 2 (Manipulus I, II): 1781-1783, ed. Bischoff. *Copies*: HH (man. II), PH.
1: 1782-1783, p. [i], [1]-94, *pl. 1-25*.
2: *1782-1783, p.* [*i*], [*95*]-*197*, [*198*], [*199-200*], *pl. 26-50*.
Icones plantarum ... *Editio* II. Maniupulus I (II). s.l. 1783.
Ed. 2 (Manipulus I, II): 1793. *Copies*: B, BR, FH, HH, NY, USDA; IDC 5290.
1: 1793, p. [i], [1]-94, *pl. 1-25*.
2: 1793, p. [i], p. [95]-197, [198, index], [1-2, err.], *pl. 26-50*. Manipulus 3 is identical with Ed. Palm.
Icones plantarum ... Editio II. Manipulus I (II). Erlangae (apud Joannem Jacobum Palm) 1793.

Manipulus I (plates:)	ed. Knorr	ed. Keller	ed. "2" Bischof	ed. "2" Schreb./Palm
1-2	12 Nov 1747	18 Oct 1763	1781	1793
3-4	24 Oct 1748	18 Oct 1763	1781	1793
5-6	18 Oct 1749	18 Oct 1763	1781	1793
7	16 Jul 1750	18 Oct 1763	1781	1793
8-9	Mar-Apr 1751	18 Oct 1763	1781	1793
10-13		18 Oct 1763	1781	1793
14-19		30 Jun 1766	1781	1793
20-25		30 Jul 1771	1781	1793
Manipulus II				
26-36		13 Jun 1775	1782-1783	1793
37-50			1782-1783	1793

Manipulus III	
51-58	1793-1794
59-75	1796-1797

The names in the capitalized headings are generic.
The dates given by Fuchs (in Nissen) and by Casper differ in details. – 75 hand coloured engravings after drawings by N. Gabler, J.C. Keller, andV. Bischoff.

For full details see the treatment by Casper (1967) and Fuchs (in Nissen 3, 1966 and 1973). The 1973 treatment by Fuchs is very detailed and should always be consulted for bibliographical purposes.

Booknumber 10.855 has not been used.

10.856. Dissertatio inauguralis botanica de *Buxbaumia*. Quam rectore magnificentissimo serenissimo ac principe domino Friderico marggravio Brandenburgico borussiae ac Silaesiae ... ex decreto illustris et gratiosi ordinis medici praeside D. Casimiro Christophoro Schmidelio .. in Alma fridericiana Erlangensi pro doctoris gradu honoribus privilegiis ac immunitatibus rite obtinendis ad diem. [] Jun mdcclviii. Placidae eruditorum disquisitioni subjicit Johannes Georgius Hoelzel wonsideliensis. Erlangae [Erlangen] (litteris Tetscherianis) [1758]. Qu. (*Buxbaumia*).
Publ.: 12 Jun 1758 (p. 44), p. [i], [1]-46, *pl. 1* uncol. copp.). *Copies*: FH, H, MO, NY, USDA.
Republication: in D.C.C. Schmidelii ... Dissertationes botanici argumenti revisae et recusae ... 1783, see below.
Note: the respondens J.G. Hoelzel defended the dissertation; the text must be assumed to have been written by the "promotor" Schmidel, in accordance with current practice.

10.857. Dissertatio inauguralis botanica de *Blasia*. Quam rectore magnificentissimo serenissimo principe ac domino domino Friderico marggravio Brandeburgi, Borusiae, Silesiaeque duce ... ex decreto illustris et gratiosae facultatis medicae praeside D. Casimiro Christophoro Schmidelio ... in Alma fridericiana Erlangensi pro doctoris gradu, honoribus, privilegiis ac immunitatibus rite obtinendis die [] Nov. mdclix benevolae eruditorum disquisitioni offert Johannes Christophorus Zimmermann eurtho-noricus. Erlangae [Erlangen] (Litteris Tezschnerianis) [1759]. Qu. (*Blasia*).
Publ.: 2 Nov 1759 (p. 32), p. [i-iv], [1]-32. *Copies*: FH, H, MO, NY.
Republication: in D.C.C. Schmidelii ... dissertationes botanici argumenti revisae et recusae ... 1783, see below.
Note: see Note *Buxbaumia*.

10.858. Dissertatio inauguralis botanica de *Jungermanniae charactere*. Quam rectore magnificentissimo serenissimo principe ac domino domino Friderico marggravio Brandenburgico Borussiae Silesiaeque ... ex decreto illustris et gratiosi ordinis medici praeside D. Casimiro Christophoro Schmidelio ... in Fridericiana Erlangensi pro doctoris gradu honoribus privilegiis ac immunitatibus rite obtinendis ad diem xxi. Martii mdcclx. Placidae eruditorum disquisitioni subjicit Christophorus Andreas Pauer posoniensis hungarus. Erlangae [Erlangen] (litteris Tezschnerianis) [1760]. Qu. (*Jungerm.char.*).
Publ.: 21 Mar 1760, p. [i-ii], [1]-29, [30 theses], 1 pl. (uncol. copp.). *Copies*: FH, GOET, MO, NY, USDA.
Republication: *in* D.C.C. Schmidelii ... Dissertationes botanici argumenti revisae et recusae ... 1783, see below.
Note: see Note *Buxbaumia*.

10.859. D. Casimiri Christoph. Schmidelii ... *Dissertationes botanici argumenti* revisae et recusae. Erlangae [Erlangen] (sumtu Wolfgangi Waltheri) 1783. Qu. (*Diss. bot. argum.*).
Publ.: 1783, p. [i], [1]-130, *pl. 1/2, 3*, [*4*] (uncol. copp.). *Copies*: B, B-G, FH, G, H, HH,

MO, NY. – Contents:
(1) *Dissertatio de Oreoselino*, p. [1]-28, originally published 1751. The chemical observations in this dissertation are to be attributed to the defendens G.C. Troeltzsch.
(2) *Dissertatio de Buxbaumia*, p. [29]-62, see above *Buxbaumia* (1758).
(3) *Dissertatio de Blasia*, p. [63]-88, see above *Blasia* (1759).
(4) *Dissertatio de Jungermanniae charactere*, p. [89]-114, see above *Jungerm. char.* (1760).
(5) *De medulla radicis* ad florem pertingente epistola ad Nic. Lud. Burmannum, p. [115]-130, originally published 1759. Written in connection with N.L. Burman, *Spec. bot. Geran.* 1759, TL-2/934.

10.860. D. Casimiri Christophori Schmidel ... *Descriptio itineris per Helvetiam Galliam et Germaniae partem* ann. [1773 et 1774] instituti ... Erlangae [Erlangen] (sumtu Jo. Jacobi Palmii) 1794. Qu. (*Descr. itin. Helv.*).
Publ.: 1794, p. [i-viii], [1, err.], [1]-102, *pl. 1-2* (col. copp.). *Copies*: FH, G, HH, NY, PH, USDA.

Schmidely, Auguste Isaac Samuel (1838-1918), Swiss bank employee at Genève, active amateur floristic botanist. (*Schmidely*).

HERBARIUM and TYPES: G (rd 1913, 22527 nos.); other material in A, BR, C. – *Exsiccatae*:
(1) *Rubi selecti*, 1886, with handwritten, numbered labels.
(2) With R. Buser, ed. C. Baenitz, *Herbarium Alchemillarum normale*, 1894; printed, numbered labels.
Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 401; Barnhart 3: 231 (b. 26 Jun 1838, d. 28 Oct 1918); BL 2: 571, 587, 714; Hegi 4(2): 960, 6(2): 1245; Morren ed. 10, p. 110; Rehder 5: 772; TL-2/9106; Tucker 1: 632, 3:272.

BIOFILE: Briquet, J., Ann. Conserv. Jard. bot. Genève 20: 482. 1919 (herb. inserted), 21: 323-337. 1920 (portr., bibl., obit., list collectors); Bull. Soc. bot. Suisse 50a: 429-433. 1940 (biogr., bibl., epon.).
Guinet, A., Bull. Soc. bot. Genève ser. 2. 10: 377-379. 1919 ("souvenirs personels").
Miège, J. & J. Wuest, Saussurea 6: 132. 1975 (coll. to G 1913, 25000 nos., 5000 Rubus).

10.861. *Catalogue raisonné des Ronces des environs de Genève* ... Genève (Imprimerie J. Carey, ...) 1888. Oct.
Publ.: Apr 1888 (date on cover-t.p.; p. 1: Mars 1888; Nat. Nov. Sep(1, 2) 1888), cover-t.p., p. [1]-237, 2 charts. *Copies*: BR, G, HH. – Reprinted and to be cited from Bull. Soc. bot. Genève ser. 1. 4: 1-237. 1888.

10.862. *Notes floristiques* [Extrait du Bulletin des travaux de la Société botanique de Genève, viii. – Années 1895-1897]. Oct.
[*1*]: 1897, p. [1]-8. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. Genève sér. 1. 8: 46-53. 1897.
[*2*]: With P. Chenevard, ib. sér. 1. 9: 129-131. 1899.
[*3*]: 1899, p. [1]-5. – Reprinted and to be cited from ib. sér. 1. 9: 132-136. 1899.
[*4*]: Bull. Soc. Murith. 29-30: 35-39. 1901.

10.863. *Les Ronces du Bassin du Léman* ou revision du Catalogue raisonné des Ronces des environs de Genève, de Aug. Schmidely (mars 1888) et du Catalogue des Ronces du Sud-Ouest de la Suisse de Auguste Favrat (1885) .... Genève (Imprimerie Reggiani & Renaud, ...) 1911. Oct.
Publ.: 1 Dec 1911 (p. 3: Jun 1911), p. [i], [1]-140. *Copy*: G. – Reprinted and to be cited from Ann. Cons. Jard. bot. Genève 15/16: 1-140. 1911. – Ronce: *Rubus*.
Rectifications: Ib. 18/19: 255. 1916.
Ref.: Beauverd, G., Bot. Centralbl. 128: 364-366. 1915 (rev.).

Schmidle, Wilhelm (1860-1951), German (Baden) algologist and geologist; studied at Freiburg i. Br. and Berlin 1879-1883; high school teacher at Mannheim; from 1902-1907

director of the Baden teachers college at Meersburg on the Bodensee; at Karlsruhe 1907-1908; director of the Zeppelin-Oberrealschule, Konstanz 1909-1924; at the Schloss-Schule, Salem 1924-1930; from 1931 in retirement at Freiburg i. Br.; Dr. h.c. Univ. Freiburg i.Br. 1920 (*Schmidle*).

HERBARIUM and TYPES: ZT. – Contributed to V. Wittrock & O. Nordstedt, *Algae aquae dulcis exsiccatae*. – Letters at W.

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EPONYMY: *Schmidledesmus* P.C. Silva (1970); *Schmidleia* Woloszynska (1914); *Schmidleinema* De Toni f. (1936).

10.864. *Beiträge zur Algenflora des Schwarzwaldes* und der Rheinebene ... [Separat-Abdruck aus Berichte der Naturforschenden Gesellschaft zu Freiburg i. B. ... 1893]. Oct.
Publ.: Jan-Apr 1893 (rev. Hedwigia Mai-Jun 1893), p. 1-45, *pl. 2-6*. *Copies*: G, H. – Reprinted and to be cited from Ber. naturf. Ges. Freiburg i. B. 7(1): 68-112, *pl. 2-6*. 1893 (double pagination).
Other publications on the same subject: Ber. deut. bot. Ges. 10: 206-211. 1892, 11: 544-555. 1893; Flora 78: 42-64. 1894, Hedwigia 34: 66-83. 8 Apr 1895, 36: 1-25. 26 Feb 1897.

10.865. *Beiträge zu alpinen Algenflora* ... Wien (Im Selbstverlag des Verfassers ...) [1895-] 1896. Oct.
Publ.: Jul 1895-Mar 1896 (in journal), cover-t.p., p. [1]-40, *pl. 14-17*. *Copy*: H. – Reprinted and to be cited from Österr. bot. Z. 45: 249-253. Jul, 305-311. Aug, 346-356. Sep, 387-391. Oct, 454-459. Dec 1895, 46: 20-25 Jan, 59-65. Feb, 92-94. Mar 1896.

10.866. *Untersuchungen über Thorea ramosissima* Bory ... (Sonderabdruck aus "Hedwigia" Band 35. 1896). Oct.
Publ.: 1896, p. [1]-33, *pl. 1-3*. *Copy*: H. – Reprinted and to be cited from Hedwigia 35: 1-33, *pl. 1-3*. 1896.

10.867. *Über einige* von Knut Bohlin *in Pite Lappmark und Vesterbotten gesammelten Süsswasseralgen* ... Stockholm (Kungl. Boktryckeriet. P.A. Nordtstedt & Söner) 1898. Oct.
Collector: Knut Harald Bohlin (1869-1956).
Publ.: 1898 (mss. submitted 8 Jun 1898; Nat. Nov. Mar(2) 1899), p. [1]-71, *pl. 1-3*. *Copies*: H, U; IDC 7670 (440-441). – Issued and to be cited as Bih. k. Sv. Vet.-Akad. Handl. 24, III(8). 1898.

10.868. Mitteilungen aus dem Botanischen Museum der Universität Zürich xv. Beiträge zur Kenntniss der Schweizerflora. *Rhodoplax Schinzii* Schmidle et Wellheim ein neues Algengenus ... [Bull. Herb. Boissier ser. 2. 1, 1901]. Oct.
Publ.: 30 Sep 1901, p. [1]-6, [1], *1 pl. Copies*: U, US. – To be cited from Bull. Herb. Boissier ser. 2. 1(10): 1007-1012, *pl. 13* (with text). 30 Sep 1901.

Schmidlin, Eduard (1808?-1890), German (Württemberg) botanist. (*Schmidlin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1844-1845; Herder p. 365, 393; Jackson p. 39, 53, 194, 196; Langman p. 682; PR 8262-8264, ed. 1: 1850, 9191-9194; Rehder 1: 378, 5: 772; TL-2/see F.J. Niedenzu; Tucker 1: 632.

BIOFILE: Anon., Bot. Centralbl. 42: 32. 1890 (d. 5 Feb 1890 in Dresden); Humboldt 1890: 179 (d.); Österr. bot. Z. 40: 214. 1890.
Heinsius, W., Allg. Büch.-Lex. 8(2): 225. 1838, 9(2): 248. 1849, 10(2): 231. 1849, 11(2): 244. 1855, 12(2): 261. 1858, 13(2): 339. 1863, 14(2): 406. 1871, 15(2): 515-516. 1878, 16(2): 435. 1882, 17(2): 522. 1887, 18(2): 493. 1890 (bibl.).

NOTE: Schmidlin was a profilic popular author (see Heinsius). His sizeable *Populäre Botanik* (ed. 1, Stuttgart, Krais & Hoffmann, 1857, p. [i]-vi, [3]-712, *pl. 1-62. Copy*: MO) reached a fourth edition (1882-1883, by O.E.R. Zimmermann); he also published *Die Blumensprache* (1839) and various books on gardening (e.g. *Die bürgerliche Gartenkunst*, ... (1843)).

10.869. *Flora von Stuttgart*, oder Beschreibung der in der Umgegend von Stuttgart wildwachsenden sichtbar blühenden Gewächse. Mit einem Anhange über die in der Stuttgarter Umgegend im Grösseren angebauten ökonomischen Gewächse ... Stuttgart (Druck und Verlag der J.B. Metzler'schen Buchhandlung) 1832. Oct. (*Fl. Stuttgart*).
Publ.: 1832 (p. viii: Aug 1832), p. [i]-viii, chart, [1]-559, [560, corr.]. *Copy*: B, NSUB.
Ref.: P., Flora 16(1) (Lit.-Ber. 1): 13-16. 28 Jan 1833 (rev.).

10.870. *Anleitung zum Botanisieren* und zur Anlegung der Pflanzensammlungen nebst einer leichtfasslichen Unterweisung im Untersuchen der Pflanzen und einem praktischen Schlüssel zum Auffinden der Gattungen und Arten. Für Anfänger in der Botanik und insbesondere für Volksschulen bearbeitet von Eduard Schmidlin, ... Stuttgart (Hoffmann'sche Verlags-Buchhandlung). 1846. Oct. (*Anleit. Bot.*).
Ed. [*1*]: 1846 (p. vi: Mai 1846), p.[i]-viii, [1]-407, [408, err.]. *Copies*: M, NY.
Ed. 2: 1858 (p. vi: Spring 1857), p. [i]-viii, [1]-466. *Copies*: B, G, NY. – "Zweite durchaus verbesserte Auflage". Stuttgart (id.) 1858. Oct. The copy at G has an imprint Berlin (Verlag von Wiegandt & Hempel ...) s.d.
Ed. 3: 1882 (Bot. Zeit. 31 Mar 1882; rev. J.F. Frey, Bot. Centralbl. 10: 225-226. 8-12 Mai 1882), p. [(1)]-(100), [1]-358. *Copy*: M. – "Dritte Auflage, vollständig neu bearbeitet von Dr. Otto Wünsche [Friedrich Otto Wünsche, 1839-1905]. Berlin (Verlag von Paul Parey ...) 1882. Oct.
Ed. 4: 1901 (p. [3]: Dec 1900), p. [1]-104, [1]-384. *Copies*: B-G, B-S, NY. – " Nach dem gleichnamigen Buche von E. Schmidlin vollständig neu bearbeitet von Prof. Dr. Otto Wünsche. Vierte Auflage. Berlin (Verlagsbuchhandlung Paul Parey ...) 1901. Oct.
Ed. 5: 1913 (p. 4: Mar 1913), p. [1]-372. *Copy*: BR. – "*Anleitung zum Botanisieren* und zur Anlegung von Pflanzensammlungen. Nach dem gleichnamigen Buche von E. Schmidlin vollständig neu bearbeitet von Prof. Dr. Otto Wünsche. Fünfte, verbesserte Auflage, herausgegeben von Prof. Dr. Franz [Josef] Niedenzu [1857-1937] ..." Berlin (Verlagsbuchhandlung Paul Parey, ...) 1913. Oct.

Schmidt, Adolf Wilhelm Ferdinand (1812-1899), German (Berlin) botanist, diatomologist and malacologist; studied theology at Halle 1832-1835; theological exam. 1836-1837; private teacher at Merseburg, subsequently curate at Halberstadt and art teacher at the Domgymnasium ib.; deacon (1846) and archdeacon (1848) at Aschersleben (Saxony) until his retirement in 1895; Dr. phil. h.c. Halle 1890. (*Ad. Schmidt*).

HERBARIUM and TYPES: HAL; some further material at BRM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 231 (b. 29 Aug 1812, d. 28 Jun 1899); BM 4: 1845; CSP 8: 869, 18: 539; De Toni 1: cxii, 2: civ, 4: li; Morren ed. 10, p. 8; MW p. 437, suppl. p. 309; NI 1781, see also 3: 60; Quenstedt p. 385; TL-1/1172; TL-2/see indexes.

BIOFILE: Anon., Bot. Not. 1900: 47 (d.); Hedwigia 38: (297). 1899 (d.); Österr. bot. Z. 49: 450. 1899 (d.); Leopoldina 35: 162-163. 1899 (obit. not.).
Böttger, D., Nachrichtsbl. deut. Malakozool. Ges. 32: 1-3. 1900 (obit.).
Brun, J., [Death notice, 1 p. dated Genève Oct 1899, giving a brief biogr. sketch and main publ. Copy: G].
Deby, J., Bibl. microsc. microgr. stud. 3 (Diat.): 48. 1882.
Fryxell, G.A., Beih. Nova Hedw. 35: 363. 1975 (non-prepared type material at BRM).
Gründler, H., Z. angew. Mikrosk. 5: 129-134. 1899 (obit., portr., bibl.).
Koster, J.Th., Taxon 18: 557. 1969 (Diat. coll. at HAL).
Ross, R., The microscope 6: 166. 1947 (dates).
Spence, The Microscope 5: 274. 1944.
T.B.J., The Microscope 6: 53-54. 1946.
VanLandingham, S.L., Cat. diatom. 4: 2368. 1971, 6: 3588. 1978.
Woodward, B.B., J. Bot. 44: 384-386. 1906 (dates).
Wornardt, W.W., Int. direct. diatom. 35. 1968 (coll. at HAL).

10.871. *Atlas der Diatomaceen-Kunde* ... Leipzig (O.R. Reisland) [1874-1959]. (*Atlas Diatom.-Kunde*).
Publ.: 1874-1959 in Hefte of (usually 4) plates with accompanying text. For a full collation see G. Dallas Hanna, *Index to Atlas der Diatomaceen-Kunde*, Lehre 1969. The details given below are mainly based on Hanna as well as on unpublished notes by R. Ross.
Copies: B-S, BR, H, PH, U, USDA; IDC 5384.
Editors and authors (see Hanna, p. viii-ix)).

plates	signatures on plates
1-212	Adolf Wilhelm Ferdinand Schmidt (1812-1899)
213-216	Martin Schmidt (1863-?)
217-232	Friedrich Fricke (1863-1926)
233-240	Martin Schmidt & Friedrich Fricke
241-244	Heinrich Heiden (x-1925)
245-246	Otto Müller (1837-1917)
247-248	Martin Schmidt & Friedrich Fricke
249-256	Friedrich Fricke
257-264	Heinrich Heiden
265	Friedrich Fricke
266	Martin Schmidt & Friedrich Fricke
267-268	Friedrich Fricke
269-274	Friedrich Hustedt (1886-1968)
275-277	Friedrich Fricke & Friedrich Hustedt
278-283	Friedrich Hustedt
284	Friedrich Fricke & Friedrich Hustedt
285-290	Friedrich Hustedt
291	Friedrich Fricke & Friedrich Hustedt
292-420	Friedrich Hustedt
433-480	"Phot. von Friedr. Hustedt"

The accompanying text for the first 20 Hefte (plates 1-80) was called *Vorläufige Erläuterungen*. Of this text a second edition exists for Hefte 1-7, 11 and 12, giving the dates of the first publication. This text was superseded by *Erläuterungen*, one folio per plate, issued with a second edition of the plates. This new text gives also dates of the first issue, but these are, in some cases, erroneous. This second text was also published separately. From plate 81 on each plate was accompanied by a sheet of vorläufige Erläuterungen. A. Schmidt was responsible for plates 1-212 (145-212 in collaboration with H. Gründler, A. Grunow, C. Janisch and O.N. Witt). Mr. R. Ross kindly provided the following analysis of the first twenty Hefte:

Vorläufige Erläuterungen Heft	Tafeln	Orig. ed.	2e verb. Abdr.	Erläuterungen Verb. Abdruck
1	1-4	1874	1 Jun 1876	1 Aug 1885
2	5-8	20 Jan 1875	15 Aug 1876 Revidirter Abdruck	1 Aug 1885
3	9-12	25 Mar 1875	1 Aug 1879 Zweiter Abdruck	1 Aug 1885
4	13-16	25 Jun 1875	15 Jul 1878 Revidirter Abdruck	1 Aug 1885
5	17-20	25 Jun 1875	1 Nov 1878	1 Aug 1885
6	21-24	25 Oct 1875	1 Apr 1879	1 Aug 1885
7	25-28	15 Dec 1875	1 Aug 1879	1 Sep 1885
8	29-32	15 Dec 1875		1 Sep 1885
9	33-36	1 Jul 1876		1 Jan 1886
10	37-40	1 Jul 1876		1 Mar 1886
11	41-44	15 Dec 1876	15 Sep 1879	1 Apr 1886
12	45-48	15 Dec 1876	15 Jan 1880	1 Mai 1886
13	49-52	15 Aug 1877		1 Aug 1886
14	53-56	15 Aug 1877		1 Nov 1886
15	57-60	15 Oct 1878		1 Sep 1886
16	61-64	15 Oct 1878		1 Sep 1886
17	65-68	20 Jul 1881		1 Sep 1886
18	69-72	20 Jul 1881		15 Mar 1887
19	73-76	28 Jan 1882		15 Mar 1887
20	77-80	28 Jan 1882		15 Mar 1887

The dates for the full run of the work (so far as published and known to us) are as follows:

plates	dates	*plates*	dates
1-4	ante Jul 1874	*257-260*	Sep 1905
5-8	20 Jan 1875	*261-264*	Apr 1906
9-12	25 Mar 1875	*265-268*	Dec 1906
13-20	25 Jun 1875	*269-272*	Sep 1911
21-24	25 Oct 1875	*273-276*	Dec 1911
25-32	15 Dec 1875	*277-280*	Apr 1912
33-40	1 Jul 1876	*281-284*	Sep 1912
41-48	15 Dec 1876	*285-288*	Jan 1913
49-56	15 Aug 1877	*289-292*	Apr 1913
57-64	5 Oct 1878	*293-300*	Aug 1913
65-72	20 Jul 1881	*301-301*	Jan 1914
73-80	28 Jan 1882	*305-312*	Apr 1914
81-88	Jul 1885	*313-316*	Mai 1914
89-96	1 Jan 1886	*317-320*	Apr 1920
97-99	1 Aug 1886	*321-328*	Oct 1920
100-103	1 Jul 1886	*329-332*	Feb 1921
104	1 Aug 1886	*333-336*	Mai 1921
105-112	1 Nov 1886	*337-340*	Jun 1921
113-120	Apr 1888	*341-344*	Sep 1921
129-136	Nov 1888	*345-348*	Jan 1922
137-144	not in N.N.	*349-352*	Jul 1924 [sic]
145-152	Feb 1890	*353-356*	Jun 1922
154-160	Dec 1890	*357-360*	Mai 1925
161-168	Jun 1891	*361-364*	Dec 1925
169-176	Mai 1892	*365-368*	Sep 1927
177-180	Nov 1892	*369-372*	Aug 1930
189-196	Sep 1894	*373-376*	Dec 1931
197-200	Apr 1895	*377-380*	Jun 1944 [sic]

201-204	Oct 1896	*381-384*	Jun 1933
205-212	Mar 1897	*385-392*	Feb 1934
213-216	Mar 1899	*393-400*	Aug 1934
217-220	Nov 1899	*401-408*	Mai 1936
221-224	Nov 1900	*409-412*	Jul 1937
225-228	Sep 1901	*413-416*	Aug 1937
229-232	Apr 1902	*417-420*	Sep 1958
233-240	Oct 1902	*433-448*	Sep 1940
241-244	Sep 1903	*449-460*	Jun 1944
245-252	Mar 1903	*461-464*	Sep 1958
253-256	Aug 1905	*465-472*	Jan 1959
		473-480	Oct 1959

Plates 1-420 are drawings, plates 433-480 are photomicrographs. Hefte 106-108, plates 421-432, not yet published.

Facsimile ed. (*1*): 1884, *pl.* [i, iii], *pl. 1-80* with text. "This reproduction has about one half of the linear dimensions of the original. C. Henry Kain, Camden N.J. 1884." *Copies*: G, NY. – Copy received by N.L. Britton Apr 1884.

Facsimile ed. (*2*): 1972, O. Koeltz, Koenigstein-Ts., Germany, 4-loose-leaf binders.

Index to pl. 1-144: 1890, p. [i], [1]-29, [31, err.]. *Copies*: B-S, BR, PH. – "*Verzeichniss der in A. Schmidt's Atlas der Diatomaceenkunde* Heft 1-36 (Serie i-iii) *abgebildeten Arten* und benannten Varietäten nebst den mit angeführten Synonymen". Leipzig (O.R. Reisland) 1890. Qu.

Index to pl. 1-240: 1902, p. [1]-69. *Copies*: U, USDA. – "*Verzeichniss der in A. Schmidt's Atlas der Diatomaceenkunde*" Tafel 1-240 (Serie i-v) abgebildeten und benannten Formen. Herausgegeben von Dr. phil. Friedr. Fricke." Leipzig (O.R. Reisland) 1902. Oct.

General commentary and index: G. Dallas Hanna, Index to Atlas der Diatomaceenkunde. Lehre 1969 (Bibliotheca phycologica Band 10), p. [i]-xvi, col. 1-208.

Schmidt, Alfred (1886-?), German (Silesian) mycologist; travelled in East Africa 1910; student of F. Pax; D. phil. Breslau 1912. (*Alfr. Schmidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: LS suppl. 24754.

10.872. Aus dem botanischen Garten der Universität Breslau. Die *Verbreitung der coprophilen Pilze Schlesiens*. Inaugural-Dissertation veröffentlicht mit Genehmigung der Hohen Philosophischen Fakultät der Königl. Universität Breslau von Alfred Schmidt. Donnerstag den 18. Januar 1912, ... Vortrag: Die Verbreitungsmittel der Pilzsporen und Promotion. Breslau (Druck von Wilh. Gottl. Korn) 1912. Oct. (*Verbr. coproph. Pilze Schlesiens*).

Publ.: ca. 18 Jan 1912 (see t.p.; p. 2: 13 Dec 1911; Bot. Centralbl. 12 Nov 1912; Mykol. Centralbl. 25 Jul 1912; Nat. Nov. Nov(1) 1912), p. [1]-82. *Copies*: FH, NY.

Ref.: Matouschek, F., Bot. Centralbl. 122: 63-64. 21 Jan 1913 (rev.).

Schmidt, Carl [Karl] **Friedrich** (1811-1892), German (Berlin) botanical artist and lithographer; teacher (art master) at the Berlin horticultural school 1843-1853, and idem at the Friedrich-Werdersche Gymnasium ib. until 1887, ultimately with the title professor; prolific artist who illustrated many of the German illustrated botanical works of the 19th century; illustrator of the Botanische Zeitung 1843-1891. (*C.F. Schmidt*).

HERBARIUM and TYPES: Unknown. – *Letters* to D.F.L von Schlechtendal.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 232; BM 1: 139, 4: 1845; Herder p. 365; NI 2: 267 (index); PR 646, 4595; Rehder 5: 772; TL-1/594, 595, 668, 709, 713; TL-2/3521, 3523, 3736, 3739, 3741, 3743-3744, 3746, 3806, 4335, 4703-4704, 5483, 6183; Tucker 1: 632; Zander ed. 10, p. 712, ed. 11, p. 720, 813.

BIOFILE: Anon., Bot. Jahrb. 15 (Beibl. 35): 15. 1892 (d.); Bot. Zeit. 23: 244. 1865 (professor's title awarded by ministry of education and medicinal services), 28: 280. 1870 (change of address of his "Atelier"), 49: 143. 1891 (ceases work for Botanische Zeitung); Flora 48: 431. 1865 (professor's title); Naturw. Wochenschr. 7: 252. 1892 (d.).
Schlechtendal, D.F.L. von, Bot. Zeit. 17: 64. 1859 (started a natural history workshop (naturhistorisches Atelier) in Berlin, uniting various botanical artists).
Schmidt, C.F., Bonplandia 8: 172. 1860 (formation of "naturhistorisches Atelier").
Schumann, K., Bot. Zeit. 50: 289-291. 1892 (obit., b. 22 Dec 1811, d. 8 Apr 1892).

NOTE: (1) We have no information on Carl Schmidt "aus Rauden in Ober-Schlesien" who took a dr. phil. degree at Freiburg i.B. in 1888 on a thesis: "*Vergleichende Untersuchungen über die Behaarung der Labiaten und Boragineen*, Rybnik (Druck von Aug. Schoen's Nachf. M. Bartels) 1888. Oct, p. [1]-68, *1 pl.* (uncol. lith.), [69, Feb 1888], [71]. *Copies*: M, NSUB, USDA.
(2) The same holds for Carl Schmidt aus Brandenburg a/H., author of a dissertation defended 6 Jul 1891 at Berlin (Dr. phil.), *Ueber den Blattbau einiger xenophilen Liliifloren*, p. [1]-34, [35, 36], *pl. 1-2. Copy*: G. – Preprinted (pp.) from Bot. Centralbl. 47: 1-6. 2 Jul 1891, 33-42. 25 Jul 1891, 97-107. 5 Aug 1891, 164-170. 12 Aug 1891.

10.873. *Darstellung und Beschreibung sämtlicher in der Pharmacopoea borussica aufgeführten offizinellen Gewächse* oder der Stoffe, welche von ihnen in Anwendung kommen, nach natürlichen Familien von Dr. O.C. Berg ... und C.F. Schmidt, ... Leipzig (Verlag von Arthur Felix) [1853-1863] 4 vols. Qu. (*Darstell. Beschr. off. Gew.*).
Senior author (*text*): Otto Carl Berg (1815-1866).
Publ.: 1853-1863, in 34 Heften with *198* col. and *6* uncol. lithogr. with accompanying text. *Copies*: G, HH, NY, PH. – Copies with all plates uncolored were also issued.
1: Hefte 1-8, 1853-1858, p. [i]-iv, [v, cont.], *pl. 1a-f, 2a-2f, 3a-3f, 4a-4f, 5a-5f, 6a-6f, 7a-7f, 8a-8f*, w. text.
2: Hefte 9-16, 1858-1859, p. [i], *pl. 9a-9f, 10a-10f, 11a-11f, 12a-12f, 13a-13f, 14a-14f, 15a-15f, 16a-16f*, w. text.
3: Hefte 17-24, 1860-1861, p. [i-iii], *pl. 17a-17f, 18a-18f, 19a-19f, 20a-20f, 21a-21f, 22a-22f, 23a-23f, 24a-24f*, w. text.
4: Hefte 25-34, 1862-Dec 1863, p. [i]-x, *pl. 25a-25f, 26a-26f, 27a-27f, 28a-28f, 29a-29f, 30a-30f, 31a-31f, 32a-32f, 33a-33f, 34a-34f*.
The plate numbers are those of the Hefte; our information on the publication of the *Hefte* is still incomplete:
1: *pl. 1a-1f*, Bot. Zeit. 4 Nov 1853.
2: *pl. 2a-2f*, Bot. Zeit. 20 Jul 1855.
3: *pl.3a-3f*, Flora 7 Nov 1856; Bot. Zeit. 17 Oct 1856, *rev.* 7 Nov 1856.
4: *pl. 4a-4f*, Bot. Zeit. publ. 1 Dec 1856, see issue for 19 Dec 1856, *rev.* 9 Jan 1857.
5: *pl. 5a-5f*, publ. 23 Feb 1857, see Bot. Zeit. 13 Mar 1857, *rev.* 1 Mai 1857.
6: *pl. 6a-6f*, Bot. Zeit. *rev.* 11 Sep 1857.
7: *pl. 7a-7f*, Bot. Zeit. *rev.* 22 Jan 1858.
8: *pl. 8a-8f*, Bot. Zeit. *rev.* 9 Apr 1858, Flora 28 Aug 1858 (rev. vol. 1).
9: *pl. 9a-9f*, Bot. Zeit. *rev.* 9 Jul 1858.
10: *pl. 10a-10f*, Bot. Zeit. *rev.* 15 Oct 1858.
11-12: *pl. 10a-11f, 12a-12f*, Bot. Zeit. *rev.* 13 Mai 1859.
13-16: *pl. 13a-13f, 16a-16f*, Bot. Zeit. *rev.* 6 Jan 1860 (review of vol. 2 as a whole; these four Hefte were all published in 1859).
17-20: *pl. 17a-17f, 20a-20f*, no reviews known.
21: *pl. 21a-21f*, Bot. Zeit. 1 Mar 1861.
22: *pl. 22a-22f*, Bonplandia 15 Apr 1861.
23-24: *pl. 23a-23f, 24a-24f*, Bot. Zeit. 4 Oct 1861 (*rev.*), Bonplandia 1 Nov 1862 (rev. of vol. 3).
25-34: remaining plates, prefaces, volume 4: Bot. Zeit. 21 Jun 1864 (*rev.*). Prefaces cited Aug 1863.
New edition: announced by Arthur Felix (publishers) late Nov 1889; see Bot. Zeit. 47: 820. 13 Dec 1889. This "neue Auflage" came out as *Atlas der officinellen Pflanzen*" 1891-1902, see below.

10.874. *Atlas der officinellen Pflanzen.* Darstellung und Beschreibung der im Arzneibuche für das Deutsche Reich erwähnten Gewächse. Zweite verbesserte Auflage von Darstellung und Beschreibung sämmtlicher in der Pharmacopaea borussica aufgeführten officinellen Gewächse von Dr. O.C. Berg und C.F. Schmidt. Herausgegeben durch Dr. Arthur Meyer ... [und] Dr. Karl Schumann ... mit Tafel i-clxii. Leipzig (Verlag von Arthur Felix) 1891-1902. 4 vols. Qu. (*Atlas off. Pfl.*).

Co-author of original text: Otto Carl Berg (1815-1866), editors of ed. 2: [Paul] Arthur Meyer (1850-1922), Karl [Moritz] Schumann (1851-1904).

Publ.: in four volumes (28 Lieferungen) 1891-1902, as a second edition of *Darstell. Beschr. off. Gew.* See above. *Copy*: USDA.

1: 1891-1893, Lief. 1-8, p. [i]-vi, [vii-xi], [1]-129, *pl. 1-32, 33a, 33b, 34-44* (col. liths. C.F. Schmidt).

2: 1894-1896, Lief. 8-16, p. [i-iii], [1]-121, *pl. 45-69, 70a, 70b, 71-94.*

3: 1896-1899, Lief. 17-23, p. [i-iii], [1]-102, *pl. 95-106, 107a, 107b, 108-132.* (Some pl. by T. Gürke).

4: 1899-1902, Lief. 24-28, p. [i], [1]-79, *pl. 133a, 133b, 134-142, 143a, 143b, 144-157, 158a, 158b, 159-162* (some pl. by T. Gürke).

Lief.	pages	*plates*	dates t.p.	journal refs.
1	1-16	*1-6*	1891	NN Feb(1, 2) 1891
2	17-32	*7-12*	1891	NN Jun(1) 1892
3	33-54	*13-18*	1891	NN Oct(1) 1892
4	57-68	*19-24*	1892	BZ 5 Feb 1892; NN Feb(2) 1892
5	69-92	*25-30*	1892	Nat. Nov. Jul(3) 1892
6	93-108	*31-35*	1892	BC 18 Jan 1893; BZ 1 Jul*1893; NN*1 Dec 1892
7	109-116	*36-41*	1893	NN Mar(2) 1893
8	117-129, 1-8	*42-47*	1893	NN Dec(1) 1893
9		*48-53*	1894	BZ 16 Mai 1894
10		*54-59*	1894	
11		*60-65*	1894	
12		*66-70b*	1894	
13		*71-76*	1895	
14		*77-82*	1895	
15		*83-88*	1895	
16		*89-94*	1896	
17		*95-100*	1896	
18		*101-106*	1897	
19		*107a-111*	1897	
20		*112-117*	1897	
21		*118-123*	1897	
22		*124-129*	1898	
23		*130-134*	1899	
24		*135-140*	1899	BZ 16 Jun 1899
25		*141-145*	1899	
26		*146-151*	1900	BZ 1 Jan 1901
27		*152-157*	1901	
28		*158-162*	1902	BZ 1 Dec 1902

Schmidt, C.P. (*fl.* 1831), German botanist at Görlitz (Silesia). (*C.P. Schmidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 231; Herder p. 77; PR 8265, ed. 1: 9197; Rehder 1: 35.

10.875. *Neue Methode die phanerogamischen Pflanzen zu trocknen* mit Inbegriff der Farrnkräuter für das Herbarium, nach welcher dieselben in sehr kurzer Zeit gut ge-

trocknet und dabei in ihrem natürlichen Farbenschmucke erhalten werden, ... Görlitz (bei Edwin Schmidt) 1831. Oct. (*Neue meth. Pfl. trockn.*).
Publ.: 1831 (p. iv: Jan 1831), p. [i]-iv, [5]-48. *Copy*: NY.
Ref.: [Schlechtendal, D.F.L. von], Linnaea 7 (Litt.): 114-115. 1832 (rev.).
Anon., Lit.-Ber. Flora 2: 287-288. Dec 1832 (rev.).

Schmidt, Franz (1751-1835), Austrian (Moravian-born) botanist and gardener; gardener at Mariahilf; from 1779 teacher of botany and forestry at the k.k. Theresianische Ritterakademie, Wien. (*Franz Schmidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 231; BM 4: 1847; Dryander 3: 207; Frank 3 (Anh.): 91; Futak-Domin p. 527; Herder p. 381; Hortus 3: 1203; NI 1782; Plesch p. 401; PR 8267-8268, ed. 1: 9200-9201; Rehder 1: 293, 3: 533; Sotheby 684; Tucker 1: 632; WU 30: 237-238.

BIOFILE: Elvert, C. d', Gesch. Pflege Naturw. Mähren Schles. 122-123. 1868.
Neilreich, A., Verh. zool. bot. Ges. Wien 5 (Abh.): 34-35. 1855.

10.876. *Österreichs allgemeine Baumzucht*, oder Abbildungen in- und ausländischer Bäume und Sträuche, deren Anpflanzung in Österreich möglich und nützlich ist ... Wien (gedruckt in der kaiserlich königlich privilegirten Ignaz Albertischen Buchdruckerey) 1792-1822. Fol. (*Österr. allg. Baumz.*).
1: 1792, p. [1]-57, [58, cont.], [59, err.], *pl. 1-60* (col. copp. J. Scharff, L. Herr, J. Ibmayer). – Published in 4 Hefte.
2: 1794, p. [1]-68, [69, cont.], *pl. 61-120*. – Published in 4 Hefte. (Heft 1: *pl.*, *61-75*).
3: 1800, p. [1]-51, [52, cont.], *pl. 121-180*.
4: 1822-1839, p. [1]-58, [59, cont.], *pl. 181-240* (first half 1822; second half 1839, edited by Leopold von Trattinick (or 1839-1845?).
Copies: GOET (vol. 1), HH (vols. 1-4).
Ref.: Usteri, P., Ann. Bot. 11: 92-102. 1794 (rev. vols. 1 (1-4), 2(1).

10.877. *Anleitung zur sicheren Erziehung und Vermehrung* derjeniger *Ahornarten*, die allgemein vermehret zu werden verdienen ... Wien (Aus der kaiserl. königl. Hof- und Staats-Druckerey) 1812. Qu. (*Anleit. Ahornart.*).
Publ.: 1812, p. [i]-vi, [1]-50, [51, cont.; 52 expl. pl.], *10 col. pl. Copy*: M (Inf. I. Haesler).

Schmidt, Franz Wilibald (1764-1796), Bohemian botanist and physician; professor of botany at Praha University; Dr. phil. Praha 1793. (*F.W. Schmidt*).

HERBARIUM and TYPES: lost, except for some fragments at PRC and BP. We are grateful to Dr. V. Skalicky from Prague for this information which is based on a thorough search of all Bohemian herbaria; he was unable to reaffirm v. Wettstein's statement (1899) that the major part of Schmidt's herbarium is incorporated in the herbarium of the then existing German university in Prague (now PRC). Matouschek (1900) and Klášterský (p. 166) mention an *Agrostographia botanica* in the monastery of Osseg. Unpublished drawings for the *Flora boëmica* are in the University library of Prague.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 7; Barnhart 3: 231 (b. 7 Jul 1764, d. 2 Feb 1796); BM 4: 1847; CSP 5: 502; Dryander 3: 39, 163-164, 315, 417, 647, 650; Futak-Domin p. 57 (bibl.); Hegi 6(2): 1269; Herder p. 148, 193; Hortus 3: 1203; Klášterský p. 166; Maiwald p. 93-95, 283 [index]; NI 2215; PR 8269-8271, ed. 1: 6693, 9202-9204; Rehder 5: 772; RS p. 140; SO 135, 303a; TL-1/1173-1174; TL-2/see J.J. Roemer; Tucker 2: xxxiv; WU 30: 243-244; Zander ed. 11, p. 813.

BIOFILE: Anon., Preslia 48(1): 41. 1976 (biogr. not.).
Maiwald, P.V., Jahresber. Stifts-Obergymn. Braunau 1901: 5 (Opizische Periode flor. Erforsch. Böhm.).

Matouschek, F., Bot. Centralbl. 82: 321. 1900 (herb. Agrostographia bohemica "im Stifte Osseg".
Pax, F., Bibl. schles. Bot. 20, 55, 139. 1929.
Wettstein, R. v., Lehrkanzel syst. Bot. Univ. Prag 10. 1899 (collections at PRC), Österr. bot. Z. 49: 96. 1899 (id.).
Wimmer, F., Fl. Schlesien 143-144. 1844 (note on *Fl. boem. inch.*).

EPONYMY: *Schmidtia* Moench (1802, *nom. rej.*); *Schmidtia* Trattinick (1816, *nom. rej.*); *Wilibalda* Sternberg ex A.W. Roth (1827).

10.878. xiii. *Botanische Beobachtungen*, von Franz Willibald [sic] Schmidt. s.l.n.d. [*in* Johann Mayer, Sammlung physikalischer Aufsätze, Dresden 1: 181-200]. Oct.
Publ.: 1791, p. [181]-200. *Copy*: FI. – Reprinted from J. Mayer, Samml. physik. Aufsätze 1: 181-200. 1791 (copies of *Samml.* at MCZ (Harvard) and NSUB).

10.879. xiv. *Verzeichniss von hundert seltenen in Böhmen wildwachsenden Pflanzen.* Von Ebendemselben [= F.W. Schmidt], [*in* Johann Mayer, Sammlung physikalischer Aufsätze, Dresden 1: 201-214. 1791]. Oct.
Publ.: 1791, p. [201]-214. *Copy*: FI. – On p. 209-214: *Chloris moravica*, circuli Znaimensis. – Reprinted from J. Mayer, Samml. physik. Aufsätze 1: 201-214. 1791. – See also his "*Verzeichniss der um Wosetschan* und der benachbarten Gegend an den Ufern der Moldau im berauner Kreise, *wildwachsenden seltneren Pflanzen*, in Neue Abh. Böhm. Ges. Wiss. 1: 1-74, *5 pl.* 1791.

10.880. xv. *Die in Böhmen wildwachsenden Pflanzen aus dem Geschlecht der Orchis.* Von Franz Wilibald Schmid [sic], s.l.n.d. [*in* Johann Mayer, Sammlung physikalischer Aufsätze, Dresden 1: 215-254, *1 pl.* 1791]. Oct.
Publ.: 1791, p. [215]-254, *1 pl. Copy*: FI. – Reprinted from J. Mayer, Samml. physik. Aufsätze 1: 215-254. *1 pl.* 1791.

10.881. Francisci Wilibaldi Schmidt ... *Flora boëmica.* Tomus primus. Centuria i, ii, iii et iv. Pragae [Praha] (literis Antonii Hladky Dominorum Statuum Regni Bohemiae typographi) [1793-1794], 4 parts. †. Fol. (*Fl. boëm.*).
T.p. vol. 1: 1794, frontisp., p. [i-vi].
Cent. 1: 9 Apr-7 Oct 1793 (see TL-1), p. [i*-iii*], [i]-iv, [1]-86. – T.p.: *Flora boëmica inchoata* ... Pragae, typis Antonii Hladky, 1793, with engraving. Other copies have a title as mentioned under Cent. 4.
Cent. 2: 1793, (probably Apr-Mai 1794), p. [i-iii], [1]-97. – *Flora boëmica inchoata* ... Pragae [imprint as on general t.p.] 1793.
Cent. 3: prob. Apr-Mai 1794, p. [i-iii], [1]-112. – T.p. as cent. 2.
Cent. 4: prob. Apr-Mai 1794, p. [i-vi], 1-96. – T.p.: *Flora boëmica inchoata*, exhibens plantarum regni boëmiae indigenarum species. Centuria quarta. Pragae, apud I.G. Calve. 1794. – The NY copy has a text like that of centuriae 2 and 1.
Copies: B-S, FI, G, HH, MO, NY; IDC 5484. – 244 plates for cent. 1 and 2 were prepared, but remained unpublished (now in Univ. Libr. Praha; see Pohl (1942)); a title page for the plates is shown by Pohl.
Ref.: Celakowsky, L.J., Lotos 20: 177. 1870.
Heufler, L., Österr. bot. W. 1: 157-160, 165-167. 1851.
Pohl, F., Lotos 88: 185-194. 1942; Böhmen und Mähren 1943: 158-159.
Roemer, F., Neues mag. Bot. 1794: 331.
Tausch, I., Flora 11(2): 417-431, 460-464. 1828 (on the dubious plants of the Fl. boëm. based on a study of Schmidt's herbarium).

10.882. Franz Wilibald Schmidt ... *Neue und seltene Pflanzen*, nebst einigen andern botanischen Beobachtungen herausgegeben bei Gelegenheit der ihm ertheilten philosophischen Doctorswürde ... Prag (bei J.G. Calve) 1793. Oct. (*Neue selt. Pfl.*).
Publ.: before 17 Jun 1793 (Manitz 1975; Ann. Bot. Usteri 1793. sem. 2; GGA 7 Oct 1793), p. [i-vi], [1]-58, *1 pl.* (uncol. copp.). *Copies*: BR, PH; IDC 6486.
Ref.: Manitz, H., Wiss. Z. Fr. Schiller Univ. Jena, Mat.-Nat. 24(4): 500. 1975 (date in Med. phys. J., Baldinger 32: 69. 1793: 17 Jun 1793).

10.883. *Sammlung physikalisch-ökonomischer Aufsätze.* Zur Aufnahme der Naturkunde und deren damit verwandten Wissenschaften in Böhmen ... Erster Band ... Prag (bey Joh. Gottfr. Calve) 1795. Oct. (*Samml. phys.-ökon. Aufs.*).
Publ.: 1795, p. [i-x], [1]-375, chart, *3 pl. Copy*: NSUB (inf. G. Wagenitz). – Contains papers by various authors; botanical contr. by F.W. Schmidt: *Bemerkungen über verschiedene in dem Systema naturae cura Gmelin angeführte Pflanzen* p. [185]-201, *Botanischen Beobachtungen* p. [223]-250, *Linnee's neunzehnte Klasse, erste Ordnung* p. [251]-286.

Schmidt, Friedrich [Karl] [Fedor Bogdanovich] (1832-1908), Livonian explorer, botanist and geologist; studied at the University of Dorpat 1849-1853, bot. asst. id. 1856-1859; from 1859-1863 in charge of the activities of the Siberian expedition of the Imperial Russian geographical Society in the Transbaikal, Sachalin, Daurian, Amur and Mandchurian regions; working on the collections at St. Petersburg 1863-1866; 1866-1867 on the Mammuth expedition to the Enissej ("Mammuth-Schmidt"); from 1872-1874 geologist in Esthonia; in St. Petersburg from 1874, ultimately as director of the Mineralogical Museum; adjunct (1872), extraord. (1874) and ord. (1885) member of the Academy of Sciences, St. Petersburg; Dr. phil. h.c. Königsberg 1894. (*Friedr. Schmidt*).

HERBARIUM and TYPES: LE; further material at MW. – The fossil plant collections from the Amur Region are also at LE.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 729; Barnhart 3: 232 (b. 15/27 Jan 1832, d. 8/21 Nov 1908); BJI 1: 52; BM 4: 1847; Bossert p. 353; Bret. p. 619; CSP 5: 502, 8: 870, 18: 544-545; Herder p. 59, 201, 212; Hortus 3: 1203; Jackson p. 393; LS 24007-24008; MW p. 438; PR 8272-8274, p. 574; Quenstedt p. 385; Rehder 5: 772; TR 1251-1258; Tucker 1: 632; Zander ed. 10, p. 712, ed. 11, p. 813.

BIOFILE: Anon., Acta Horti bot. Univ. Jurjev. 9: 249. 1909 (obit. not.); Bot. Centralbl. 110: 32. 1909 (d.); Bot. Not. 1909: 100 (d.); Cat. gén. livr. Bibl. natl. 166: 442. 1946; Flora 48: 43-44. 1865 (works on Flora of Sachalin; herbarium and fossil plant coll. to Acad. Sci., now LE); Hedwigia 48: (141). 1909 (d.); Nat. Nov. 30: 638. 1908 (d.); Trav. Mus. Bot. Acad. St. Petersburg 4: 143-147. 1908.
Doss, B., Korresp.-Bl. naturf. Ver. Riga 52: 13-28. 1909.
Dybowski, B., Kosmos, Lwow 34: 105-110. 1909 (obit.).
Embacher, F., Lexik. Reisen 261. 1882.
Herder, F. v., Bot. Centralbl. 55: 261, 268. 1893, 58: 391. 1894 (coll. at LE); Bot. Jahrb. 9: 448-450. 1888 (biogr. sketch).
Karpinski, A.P., Bull. Acad. Sci. St. Petersb. 1908: 1887-1894.
Kneucker, A., Allg. bot. Z. 15: 32. 1909 (d.).
Kupfer, K.R., Korresp.-Bl. naturf. Ver. Riga 52: 3-28. 1909 (bibl.).
Lindemann, E. v., Bull. Soc. Imp. natural. Moscou 61(1): 67. 1886 (material MW).
Lipschitz, S.J., Florae SSSR fontes nos. 1238, 1239, 2008-2012. 1975 (bibl.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1200. 1898, 4: 1335. 1904, 5: 1118. 1926 (bibl.).
Regel, E., Gartenflora 8: 192. 1859 (to Amur region), 9: 29. 1860 (report from Amur region), 12: 140. 1863 (to Sachalin), 14: 28. 1865 (in St. Petersburg), 15: 190. 1866 (found Mammoth), 16: 26, 160. 1867 (returned from Mammoth exp.).
Sokolov, D.M., Trav. Mus. géol. Pierre le Grand, Acad. Sci. St.-Pétersbourg 6: 153-166. 1912 (on Amur fossil coll.).
Tolmachev, I., Ann. géol. mineral. Russie 10: 277-290. 1909 (obit., portr., bibl.).
Welding, O. et al., Deutschbaltisches biographisches Lexikon 689. 1970 (q.v. for further biogr. refs.).
Wittrock, V.B., Acta Horti Berg. 3(2): 176, *pl. 37*. 1903 (portr.).
Zittel, K.A. von, Gesch. Geol. Paläont. 863 [index]. 1899; Hist. geol. palaeontol. 448. 1901.

HANDWRITING: S.V. Lipschitz & I.T. Vasilczenko, Central Herbarium USSR 133. 1968.

10.884. *Flora der Insel Moon*, nebst orographisch-geognostischer Darstellung ihres Bodens, ... Dorpat (Druck von Heinrich Laakmann) 1854. Oct.
Publ.: Feb-Apr 1854 (imprimatur on p. [ii]: 20 Jan 1854; rev. Bot. Zeit. 12 Mai 1854), p. [i-ii], [1]-62. *Copies*: H, HH, NY. – Reprinted and to be cited from Arch. naturk. Liv-, Ehst- und Kurl. ser. 2. 1(1): 1-62. 1854. – The Island of Moon [Muhu] lies just east of the Island Oesel in the Gulf of Riga; at the time of writing of this flora it belonged to the Russian province of Russia, later to Esthonia.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 12: 324-327. 12 Mai 1854 (rev.).

10.885. *Flora des silurischen Bodens von Ehstland, Nord-Livland und Oesel* ... Dorpat (Druck von Heinrich Laakmann) 1855. Oct.
Publ.: 1855 (p. 2: imprimatur 31 Oct 1855; ÖbW 21 Aug 1856; Bonplandia 1 Oct 1856), p. [1]-114. *Copies*: H, NY. – Reprinted and to be cited from Arch. Naturk. Liv-, Ehst- u. Kurl. ser. 2. 1: 149-260. 1855.
Ref.: Anon., Bull. Soc. bot. France 4 (bibl.): 194-196. 1857 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 14: 442-444. 20 Jun 1856 (rev.).

10.886. *Reisen im Amur-Lande* und auf der Insel Sachalin im Auftrage der kaiserlich-russischen geographischen Gesellschaft ausgefuehrt von Mag. Fr. Schmidt. *Botanischer Theil* ... St. Pétersbourg (Commissionaires de l'Académie impériale des sciences ...) 1868. Qu. (*Reis. Amur-Land., Bot.*).
Publ.: Sep-Oct 1868 (p. ii: imprimatur Jun 1868; Gartenflora Oct 1868; Flora 24 Feb 1869), p. [i-iii], [1]-227, *pl. 1-8*, 2 maps (uncol. liths.). *Copies*: B, BR, G, H, HH, LC, M, MICH, NY, U, USDA. – Issued as Mém. Acad. imp. Sci. St. Pétersbourg, ser. 7, vol. 12(2). 1868.
Russian edition: St. Petersburg 1874, 336 p. (n.v.). The Russian version contains some additions but lacks the musci and lichenes from Sachalin (TR); includes Amgunobureinskaya flora and Sakhalinskaya flora. – See also: Botanische Nachrichten über Sachalin, Bull. Acad. Sci. St. Pétersbourg 5: col. 33-35. 1863.
Ref.: Anon., Bull. Soc. bot. France 19 (bibl.): 23-25. Nov 1872 (rev.).
H.S., Bot. Zeit. 27: 26-27. 8 Jan 1869.
Lindberg, S.O., Contr. fl. crypt. As. bor.-or. 1873 (bryophytes; specimens at H).

10.887. *Wissenschaftliche Resultate der* zur Aufsuchung eines angekündigten Mammuthcadavers von der kaiserlichen Akademie der Wissenschaften *an den unteren Jenissei ausgesandten Expedition* ... St. Pétersbourg (Commissionaires de l'Académie impériale des Sciences ...) 1872. Qu. (*Wiss. Result. Jenissei Exped.*).
Publ.: 1872 (imprimatur 1872), p. [i]-vi, [1]-168, *pl. 1-3, 3a, 4* (uncol. liths., all zool.), map. – Issued as Mém. Acad. imp. Sci. St.-Pétersbourg, ser. 7. 18(1), 1872. – *Flora jenisseensis arctica* on p. 73-133.
Preliminary notice: Mél. biol. St.-Pétersbourg 6: 147-161. 1867, 655-703. 28 Apr 1868 and Bull. Acad. imp. Sci. St.-Pétersbourg 11: 80-90. 1867, 13: 97-130. 1868.

Schmidt, [Heinrich Christian] Friedrich (1819-1863), German (Franconio-Bavarian) pharmacist and botanist at Wunsiedel; studied pharmacy in the Mohren-Apotheke in Nürnberg and with Apoth. Strauss in Mosbach a. Neckar; at the University of München 1838-1840; studied botany and mineralogy at Berlin 1840-1841; from 1846 with the family pharmacy in Wunsiedel, from 1855 as owner; Dr. phil. Jena 1857. (*H.C.F. Schmidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 5: 501, 6: 754.

BIOFILE: Anon., Neu. Jahrb. Pharm. 20: 61-62. 1863 (obit., b. 9 Feb 1819 at Wunsiedel, d. 13 Jun 1863 ib.).

COMPOSITE WORKS: With J.C. Meyer, *Fl. Fichtelgeb.* 1854, see TL-2/5937. Since the publication of vol. 3 of TL-2 we learned through G. Wagenitz of the entry on Schmidt in W.-H. Hein & H.-D. Schwarz, Deutsche Apotheker-Biographie 2: 589-590, giving the

above biographical details as well as a bibliography. A further review of the *Fl. Fichtelgeb.* is by S-n, Flora 37: 575-576. 28 Sep 1854. – See also Flora 42: 225-227. 1859.

Schmidt, Hermann of Elberfeld (1821/2-1905), German botanist and high school teacher at Elberfeld (Rhine province, Prussia). (*H. Schmidt Elberf.*).

HERBARIUM and TYPES: Unknown.

NOTE: (1) H. Schmidt of Poischwitz, of whom no biographical details are known to us, published a "*Führer in die Welt der Laubmoose.* Eine Beschreibung von 136 der am häufigsten vorkommenden deutschen Laubmoose", Gera (Druck und Verlag von Theodor Hofmann) 1897, Oct., p. [1]-82, [1, app.], *pl. 1-4* with 20 dried specimens of musci. *Copies*: B, FH (ÖbZ for Mai 1897; Hedwigia Mai-Jun 1897; Bot. Centralbl. 21 Apr 1897, review by F. Matouschek; Bot. Centralbl. 73: 45-47, 5 Jan 1898). We do not know whether this Schmidt is identical with the Baden bryologist Prof. H. Schmidt, at Freiburg i. Br. who published e.g. *Beiträge zur Moosflora Badens*, p. [1]-29, *copy*: U-V, reprinted from Mitt. bad. Landesver. Naturk. Freiburg ser. 2. 2 (9/10, 11/12), 1927-1928.
(2) We have no further information on Heinrich Schmidt, b. 3 Aug 1884 in Hamburg, who took a Dr. phil. at Göttingen in 1906 on a thesis "*Über die Entwicklung der Blüten und Blütenstande von Euphorbia L. und Diplocyathium* n.g. which was preprinted from Beih. Bot. Centralbl. 22(1): 21-69. 1907, with the imprint "Göttingen 1906", p. [1]-53, [54], *pl. 1-4.* Oct. *Copy*: U. – ING 1: 550 notes "Genus [Diplocyathium] technically not described as such, see Pax, Bot. Jahrb. Syst. 59: 151. 1924".
(3) Hermann Schmidt (1855-1930), also a high school teacher in Elberfeld, worked on the bryology of Westfalen, Rheinland and Schwarzwald. He died in Freiburg i. Br.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1848; CSP 18: 545.

BIOFILE: Anon., Bot. Not. 1906: 47 (d. 1905 at the age of 83).

10.888. *Flora von Elberfeld* und Umgebung. Anleitung zum Bestimmen der um Elberfeld wildwachsenden Phanerogamen und Gefässkryptogamen ... Elberfeld (Im Verlage des naturwissenschaftlichen Vereins in Elberfeld ...) 1887. Oct. (*Fl. Elberfeld*).
Publ.: Apr-Oct 1887 (p. 6: Mar 1887; Bot. Centralbl. 17-21 Oct 1887; Bot. Zeit. 25 Nov 1887; J. Bot. Nov 1887; Nat. Nov. Oct(2) 1887), p. [1]-287. *Copies*: B, BR, G. – Issued as part 2 of the Jahres-Berichte des naturwissenschaftlichen Vereins in Elberfeld 7, 1887 (part 1, p. [i]-xv has the actual "Jahresbericht"). – For mosses and hepatics see H. Schmidt, ib. 13: 187-196. 1912.
Ref.: Freyn, J.F., Bot. Centralbl. 36: 270-271. 27 Nov 1888 (rev.).

Schmidt, Hermann Rudolph (1814-1867), German (Prussian) high school teacher, botanist and entomologist at the St. Johannisschule in Danzig. (*H.R. Schmidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1848; PR 8275, ed. 1: 9205.

10.889. *Preussens Pflanzen* nach dem natürlichen Systeme geordnet und beschrieben von Dr. H.R. Schmidt, ... Danzig (L.G. Homann's Kunst- und Buchhandlung) 1843. Oct. (*Preuss. Pfl.*).
Publ.: 1843 (p. iv: 14 Oct 1842; Bot. Zeit. 9 Feb 1844 "so eben"), p. [i*], [i]-iv, [1]-267, [268, err.]. *Copy*: G. – Alternative t.p.: "*Grundriss der Naturgeschichte.* Für die obern Klassen höherer Bürgerschulen entworfen ... zweite Abtheilung Phytologie".

Schmidt, [Ernst] Johannes (1877-1933), Danish botanist, bacteriologist and oceanographer; Dr. phil. Copenhagen 1903; botanical assistant with the Danish Commission for investigation of the sea 1902-1909; director of the physiological department of the Carlsberg laboratories 1910-1933; travelled in Thailand (1899-1900), in the Thor to Iceland and the Færoes between 1903-1908, in the Mediterranean 1908-1910; across

the Atlantic in the Dana 1921-1922, and, also in the Dana, around the world 1928-1930; F.M.L.S. 1924. (*Johs. Schmidt*).

HERBARIUM and TYPES: C; further material at L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 231 (b. 2 Jan 1877, d. 22 Feb 1933); BJI 2: 156; BM 4: 1846; DSB 12: 190-191 (N. Spjeldnæs); Tucker 1: 632, 3: 272.

BIOFILE: Anon., Bot. Centralbl. 83: 176. 1900 (back from trip to Thailand); Hedwigia 38: (249). 1899 (to Thailand), 39: (195). 1900 (back from Thailand), 73: (198). 1933 (d.).
Allen, E.J., Nature 131: 424-425. 1933 (obit.).
Christensen, C., Dansk. bot. Litt. 1880-1911: 213-214. 1913 (portr., bibl.), id. 1912-1939: 86-87. 1940 (bibl.), Dansk. bot. hist. 1: 766, 812, 830, 835, 852. 1926.
Ege, V., C.R. Trav. Lab. Carlsberg 20(1): i-ix. 1934 (obit., portr.).
Fox Maule, A., Bot. Tidsskr. 69: 172-174. 1974.
Kerr, A., J. Thailand Res. Soc., Nat. Hist. Suppl. 12(1): 25-26. 1939 (work in Siam).
Oye, P. van, Biol. Jaarb., Dodonaea 2: 29-30. 1935 (obit.).
Paulsen, O., Naturens Verden 17: 145-155. 1933 (obit., portr.).
Tate Regan, C., Proc. Linn. Soc. 145: 201-203. 1933 (obit.); J. du Conseil 8: 145-160. 1933 (bibl.).
Winge, ./ Bot. Tidsskr. 42: 291-292. 1933 (obit., portr.).

NOTE: Ernst Johannes Schmidt signed himself Johs. Schmidt in his publications. The German Ernst Schmidt (1834-1902) was co-owner of the Haage & Schmidt nursery at Erfurt (Johann Nicolaus Haage 1826-1878) who distributed e.g. Mexican plants. Emil [Carl Wilhelm] Schmidt (1856-1897) was a Prussian botanist and high school teacher, student of J. von Hanstein, ultimately teacher at the Berlin Friedrichs-Werdersche Oberrealschule who published on plant anatomy and morphology.

COMPOSITE WORKS: *Vegetationstypen von der Insel Koh-Chang* im Meerbusen von Siam, *in* Karsten & Schenk, *Vegetationsbilder*, ser. 3. 7-8, Jena 1906, *13 pl.*

EPONYMY: *Schmidtiella* Ostenfeld (1903).

10.890. *Danmarks blaagrønne Alger* (Cyanophyceae Daniae) ... 1. Hormogoneae ... Kjøbenhavn (I Kommission hos H. Hagerup ...) 1899. Oct.
Publ.: 24-30 Oct 1899 (in journal; J. Bot. Jun 1900; ÖbZ for Nov 1899; Nat. Nov. Nov(1) 1899), p. [i], [1]-138. *Copy*: FH. – Reprinted and to be cited from Bot. Tidsskr. 22(3): 283-419. Oct 1899.
Ref.: E.S.B., J. Bot. 38: 232-233. 1900 (rev.).

10.891. *Flora of Koh Chang*. Contributions to the knowledge of the vegetation in the Gulf of Siam by Johs. Schmidt. Parts 1-10, in Botanisk Tidsskrift 24-32, 1901-1916. Oct.
Publ.: in *Bot. Tidsskr.* ("*B.T.*"), see below. – The parts were also issued as separates with independent pagination but with a special cover-t.p.: "Preliminary report on the Botanical results of the Danish expedition to Siam (1899-1900). *Flora of Koh Chang* ... Copenhagen (printed by Bianco Luno) 1901-1916, 10 parts. *Copy*: B. – These separates are dated; some of these dates are earlier than those given for the publication of the journal issues.
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2: Jan 1901 (id.), cover.t.p., p. [15]-22. – B.T. 24(1): 15-22 Mai 1901.
3: Apr 1901 (date on cover), cover-t.p., p. [23]-71. – B.T. 24(1): 79-125. Mai 1901.
4: Aug 1901 (id.), cover-t.p., p. [73]-138, *pl. 5*. – B.T. 24(2): 157-221.
5: Jan 1902 (id.), cover-t.p., p. [139]-178. – B.T. 24(3): 241-280. Jul 1902.
6: Jun 1902 (id.)., cover-t.p., p. [179]-217. – B.T. 24(3): 329-367. Jul 1902.
7: Aug 1902 (id.), cover-t.p., p. [219]-265, *pl. 1*. – B.T. 25(1): 1-47. Jan 1903.
8: Jun 1904 (id.), cover-t.p., p. [267]-328. – B.T. 26(2): 115-176. Mai 1903.
9: Jan 1909 (id.), cover-t.p., p. [333]-384. – B.T. 29(2): 97-152. Apr 1909.

10: Apr 1916 (id.), cover-t.p., p. [i-ii, dates], [385]-444. – B.T. 32(2): 309-332. Dec 1915, 333-368. Apr 1916.

Part	prepr./repr. pag.	date	Bot. Tidsskr.	journ. date
1	1-13	Nov 1900	24(1): 1-13	Mai 1901
2	15-22	Jan 1901	24(1): 15-22	Mai 1901
3	23-71	Apr 1901	24(1): 79-125	Mai 1901
4	73-138	Aug 1901	24(2): 157-221	Nov 1901
5	139-178	Jan 1902	24(3): 241-280	Jul 1902
6	179-217	Jun 1902	24(3): 329-367	Jul 1902
7	219-265	Aug 1902	25(1): 1-47	Jan 1903
8	267-328	Jun 1904	26(2): 115-176	Mai 1903
9	329-383	Jan 1909	29(2): 97-151	Apr 1909
10	385-444	Apr 1916	32(2): 309-332	Dec 1915
			32(2): 333-368	Apr 1916

AUTHORS: *Brotherus, V.F.* – Bryales (3); *Christ, H.* – Pteridophyta(3); *Christensen, C.* – Filices(10); *Clarke, C.B.* – Acanthaceae(6), Compositae(5), Cyperaceae(3), Gentianaceae Add.(10), Labiatae(8), Lythraceae(6), Melastomaceae(6), Ochnaceae(10), Scrophulariceae(6), Umbelliferae(5), Verbenaceae(8); *Craib, W.G.* – Ampelidaceae(10), Anacardiaceae(10), Anonaceae(10), Apocynaceae(10), Araceae. Add.(10), Convolvulaceae. Add.(10), Cordiaceae(10), Cucurbitaceae(10), Ebenaceae(10), Gesneraceae(10), Guttiferae(10), Meliaceae(10), Leguminosae. Add.(10), Melastomaceae, Add.(10), Menispermaceae(10), Myristicaceae(10), Myrtaceae(10), Nyctaginaceae(10), Olacaceae(10), Orchidaceae Add.(10), Pandanaceae(10), Rubiaceae(10), Sapotaceae(10), Simaroubaceae(10), Ternstroemiaceae(10), Urticacaceae Add.(10), Violaceae(10); *Dammer, U.* – Palmae(9), Solanaceae(10); *Drummond, S.R.* – Tiliaceae(10). *Engler, A.* – Araceae(5); *Foslie, M.* – Corallinaceae(2); *Gilg, E.* – Connaraceae(10), Loganiaceae(10); *Gomont, M.* – Myxophyceae(4); *Hackel, E.* – Gramineae(3); *Hallier, H.* – Convolvulaceae(8); *Heim, F.* – Dipterocarpaceae(7); *Harms, H.* – Leguminosae(5); *Kraenzlin, F.* – Apostasiaceae(1), Orchidaceae(1); *Loesener, Th.* – Hippocrateaceae(10); *Massee, G.* – Agaracineae(6); *Mez, C.* – Myrsinaceae(8(); *Östrup, E.* – Marine diatoms(8), Freshwater diatoms(7); *Ostenfeld, C.H.* – Amaranthaceae(10), Amaryllidaceae(8), Araliaceae(10), Bacillariaceae(7), Basellaceae(10), Casuarinaceae(10), Commelinaceae(8), Combretaceae Add.(10), Cycadaceae(8), Dioscoreaceae(8), Gentianaceae(5), Gnetaceae(8), Hydrocharitaceae(5), Lauraceae(10), Lemnaceae(5), Lentibulariaceae(9), Liliaceae(10), Nymphaeaceae(5), Pandanaceae(8), Piperaceae(10), Pontederiaceae(5), Potamogetonaceae(5), Smilaceae(8), Taccaceae(8), Taxaceae(8); *Paulsen, O.* – Fagaceae(5); *Pax, F.* – Euphorbiaceae(10); *Poulsen, V.A.* – Eriocaulaceae(8); *Radlkofer, L.* – Sapindaceae(10); *Ravn, F.K.* – Loranthaceae(5); *Reinbold, Th.* – Marine Algae(4); *Rolfe, R.A.* – Rosaceae(10); *Rostrup, E.* – Fungi (excl. Agaricineae)(6); *Schlechter, R.* – Asclepiadaceae(10); *Schmidt, J.* – Combretaceae(8), Fagaceae Add.(10), Loranthaceae Add.(10), Peridiniales(4), Schmidt, [E.]J. 1901 Rhizophoraceae(5); *Schumann, K.* – Cannaceae(5), Marantaceae(5), Rubiaceae(6), Scitamineae(5); *Stephani, F.* – Hepaticae(5); *Vainio, E.A.* – Lichens(9); *Warburg, O.* – Aizoaceae(10), Bixaceae(10), Bombacaceae(10), Capparidaceae(10), Caricaceae(10), Dilleniaceae(10), Flagellariaceae(10), Goodeniaceae(10), Hypericaceae(10), Malvaceae(10), Oleaceae(10), Onagraceae(10), Oxalidaceae(10), Pedaliaceae(10), Plumbaginaceae(10), Portulacaceae(10), Rhamnaceae(10), Rutaceae(10), Sterculiaceae(10), Urticaceae(6); *Warming, E.* – Podostemaceae(5); *West, W. & G.S.* – Chlorophyceae(4).

Schmidt, Johann Anton (1823-1905), German (Hamburg) botanist; studied botany at Heidelberg 1848-1849, Göttingen 1849-1850; Dr. phil. Göttingen 1850; in the Cape Verde Islands 1851; habil. Heidelberg 1852; lecturer ib. from 1852-1855, extra-ordinary professor of botany 1855-1863; from 1863-1904 in retirement at Hamburg; ultimately at Elberfeld. (*J.A. Schmidt*).

HERBARIUM and TYPES: HBG; furher material, mainly from Cap Verde, at C, GOET, MB, W. – Library at KIEL. – *Letters* to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 8; Backer p. 518; Barnhart 3: 232 (b. 6 Mai 1823, d. 21 Jan 1905); BFM 2463; BL 1: 88, 317; BM 4: 1848; Bossert p. 353; CSP 8: 873, 11: 326; Frank (Anh.): 91; GR p. 133; Herder p. 218, 224, 300, 301, 311, 314, 331; Hortus 3: 1203; IH 1 (ed. 6): 364, (ed. 7): 342; Jackson p. 352; Morren ed. 10, p. 27; PR 8276-8279; Rehder 5: 772-773; RS p. 140; TL-2/535; Tucker 1: 632; Zander ed. 11, p. 813.

BIOFILE: Anon., Ber. deut. bot. Ges. 22: (131). 1904 (d.); Biogr. Jahrb. 10: 244*. 1907; Bonplandia 4: 136. 1856 (app. Heidelberg), 6(2): 52. 1858 (cogn. Leopoldina: Vogel); Bot. Centralbl. 98: 352. 1905 (d.); Bot. Zeit. 10: 88. 1852 (habil. Heidelberg), 21: 348. 1863 (resigns position at Heidelberg following appointment Hofmeister; returns to Hamburg); Flora 35: 63. 1852 (has been to Cape Verde Isl., now habil. Heidelberg), 39: 287. 1856 (extra-ord. prof. bot. Heidelberg), 46: 572. 1863 (returns to Hamburg); Hedwigia 45: (37). 1906 (d.); Nat. Nov. 27: 291. 1905 (d.); Österr. bot. W. 6: 166. 1856 (app. Heidelberg); Österr. bot. Z. 55: 211. 1905 (d.).
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Scrophulariaceae, 8(1): 229-340, *pl. 39-57.* 15 Jan 1862.
Phytolaccaceae et *Nyctaginaceae* 14(2): 325-376, *pl. 73-88.* 1 Mai 1872.
Plumbagineae et *Plantagineae* 6(4): 161-176, *pl. 46-47.* 1 Dec 1878.
(2) In E. Warming, *Symbolae*:
Labiatae 2: 38-52. 11 Oct 1869.
Scrophulariaceae 2: 52-58. 11 Oct 1869.
(3) Edited and amended G.W. Bischoff, *Wörterb. beschr. Bot.* ed. 2, 1857, see TL-2/535.

EPONYMY: *Antoschmidtia* Boissier (1884); *Schmidtia* Steudel ex J.A. Schmidt (1852, *nom. cons.*).

10.892. *Beobachtungen über die Verbreitung und Vertheilung phanerogamischer Pflanzen Deutschlands* und der Schweiz. Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde auf der Georg-August-Universität ... Göttingen (gedruckt in der Officin von E.A. Huth) 1850. Oct. (*Beob. Verbr. Pfl. Deutschl.*).
Publ: 1850 (Bot. Zeit. 17 Oct 1851), p. [1]-59, [60]. *Copies*: B-S, G(2), HH.

10.893. *Beiträge zur Flora der Cap Verdischen Inseln.* Mit Berucksichtigung aller bis jetzt daselbst bekannten wildwachsenden und kultivirten Pflanzen. Nach eigenen Untersuchungen und mit Benutzung der gewonnenen Resultate anderer Reisenden ... Heidelberg (Akademische Buchhandlung von Ernst Mohr) 1852. Oct. (*Beitr. Fl. Cap Verd. Ins.*).
Publ.: 1 Jan-13 Feb 1852 (p. viii: 1 Dec 1851; first sheet used Jan 1852 for "Habilitation" Heidelberg; this sheet or complete work rd. Regensburg late Jan or Feb 1852 (Flora 28 Feb 1852) "erschienen" Bot. Zeit. 13 Feb 1852 "erschienen" Flora rev. 7 Mai 1852), p. [i*], [i]-viii, [1]-356, [357, err.]. *Copies*: B, FI, G, HH, M, MICH, MO, NY, Teyler, USDA.
Ref.: Anon., Bonplandia 1(5): 39-41. 15 Feb 1853 (rev. Dr. Fch., Flora 35: 267-271, 285-288. 7, 14 Mai 1852 (rev.).
Opiz, P.M., Lotos 2: 143-145. Jun 1852 (rev.).

Schlechtendal, D.F.L. von, 10: 99-101. 1852 (rev.).

10.894. *Flora von Heidelberg.* Zum Gebrauche auf Excursionen und zum Bestimmen der in der Umgegend von Heidelberg wildwachsenden und häufig cultivirten Phanerogamen ... Heidelberg (Academische Verlagshandlung von J.C.B. Mohr) 1857. Oct. (*Fl. Heidelberg*).
Publ.: Mar 1857 (p. vi: Feb 1857; "erschienen" Flora 7 Apr 1857, id. Bot. Zeit. 24 Apr 1857; ÖbW 9 Jul 1857), p. [i]-xlii, [1]-394, [1, err.]. *Copies*: B, G, H, HH, L, MICH, NY.
Ref.: Anon., Bull. Soc. bot. France 4 (bibl.): 192-193. 1857 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 15: 372-373. 29 Mai 1857 (rev.).

10.895. *Anleitung zur Kenntniss der natürlichen Familien der Phanerogamen.* Ein Leitfaden zum Gebrauch bei Vorlesungen und zum Studium der speciellen Botanik ... Stuttgart (E. Schweizerbart'sche Verlagshandlung und Druckerei) 1865. Oct. (*Anleit. Kenntn. Fam. Phan.*).
Publ.: 1865 (p. iv: Mar 1865; Flora 29 Nov 1865), p. [i]-xxiii, [xxiv], [1]-350, [351, err.]. *Copies*: HH, LD, M, MO, NY.
Ed. 2: 1870 (Bot. Zeit. 29 Dec 1871), p. [i]-xxiii, [xxiv], [1]-350, [351, err.]. *Copy*: LD. – Actually a re-issue with a new t.p.: "Zweite Ausgabe". Stuttgart (E. Schweizerbart'sche Verlagshandlung(E. Koch)). 1870. Oct.

Schmidt, Johann August Friedrich (*fl.* 1832), German (Thuringian) clergyman and popular writer on botany; dean in Ilmenau. (*J.A.F. Schmidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1848; PR 8280, ed. 1: 9209; Rehder 3: 100.

10.896. *Der angehende Botaniker* oder kurze und leichtfassliche Anleitung, die Pflanzen ohne Beihülfe eines Lehrers kennen und bestimmen zu lernen. Eine gedrängte Uebersicht der botanischen Grundsätze und Terminologie, der Pflanzen-Anatomie und Physiologie und der künstlichen und natürlichen Pflanzen-Systeme von Linné, Jussieu und Reichenbach, nebst einer neuen analytischen Methode, die in Deutschland und den umgränzenden Ländern vorkommenden Pflanzengattungen auf eine leichte Weise zu bestimmen, und einer kurzen Anweisung zum Anlegen eines Herbariums. Für die reifere Jugend überhaupt, und für angehende Mediciner, Pharmaceuten, Forstmänner, Oekonomen, Gärtner und Techniker insbesondere ... Ilmenau (Druck, Verlag u. Lithographie von B. Fr. Voigt) 1832. Duod. (*Angeh. Bot.*).
Ed. [*1*]: 1832 (rev. Anon., Flora 15 (Int. Bl. 5): 67-68. 28 Dec 1832, Linnaea 7 (Litt.): 76-77. 1832), frontisp. (portr. Linnaeus), p. [i]-xii, [1]-516, *pl. 1-35* (frontisp. is no. 36). *Copies*: G, REG.
Ed. 2: n.v.
Ed. 3: 1836, Weimar, viii, 470 p., 36 pl. n.v.
Ed. 4: 1848, Weimar, xvi., 396 p., 36 pl. n.v. (Flora 7 Jan 1850).

Schmidt, Johann Carl [Karl] (1793-1850), German (Oberlausitz) botanist; high school teacher at the Schloss Lenzburg educational institution; ultimately curator of the R.J. Shuttleworth herbarium in Bern. (*J.C. Schmidt*).

HERBARIUM and TYPES: Unknown. Various collections in the R.J. Shuttleworth herbarium are attributable to him (Rytz 1922). For *Deutschlands Schwämme* see below.

NOTE: In the absence of sufficient biographical data we are not fully certain that the "Johann Carl Schmidt" of *Deutschlands Schwämme* and *Mykologische Hefte* (see G. Kuntze, TL-2/4036) is indeed identical with the Johann Karl Schmidt "Doktor der Medicin und Chirurgie" of the *Allg. ökon.-techn. Fl.*

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 232 (b. 6 Apr 1793, d. 2 Dec 1850); BM 4: 1848; Frank 3 (Anh.): 91; Herder p. 393; Kelly p. 207-208; LS 24009; NI 1783 (J.K.

Schmidt); PR 8285, ed. 1: 4942, 5466, 9213; Rehder 3: 52; Stevenson p. 1257; TL-2/4036; see F. Holl; Urban-Berl. p. 281.

BIOFILE: Anon., Bonplandia 3: 34. 1853 (cogn. Leopoldina: Barrelierus), 6: 339. 1858.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.462. 1980.
Candolle, Alph. de, Phytographie 448. 1880 (Deutschl. Schwämme at LZ).
Fischer, Ed., Verh. schweiz. naturf. Ges. 1914(2): 19, 27 (J.K. Schmidt).
Müller, R.H.W., & R. Zaunick, Friedr. Traug. Kützing 212, 294. 1960.
Rytz, W., Mitt. naturf. Ges. Bern 5: 27. 1922 (some coll., esp. diatoms, in R.J. Shuttleworth herb.).
Schmid, G., Chamisso als Naturforscher 172 (see no. 198). 1942.
Woodward, B.B., *in* Hist. coll. BM(NH) 1: 47. 1904 (autograph mss. on *Cuscuta* at BM).

COMPOSITE WORKS: With G. Kunze, *Mykol. Hefte* 1817-1823, TL-2/4036 (other *copy*: B-S).

10.897. *Deutschlands Schwämme* in getrockeneten Exemplaren. Gesammelt und herausgegeben von C.F. Holl und J.C. Schmidt. Erste [-Neunte] Lieferung ... Leipzig (G. Voss'sche Buchhandlung) 1815-1819. 9 Lief. (*Deutschl. Schwämme*).
Authorship: Lief. 1-2 by C.F. Holl (see note under Friedrich Holl, TL-2/p. 255), and Schmidt; *3-9* by Schmidt and G. Kunze.
Publ.: nine parts of exsiccatae with accompanying text. We saw the text of Lief. 1-8 at BR; sets of exsiccatae are reported by B (Liefs. extant), BM, FH, FR, K, KIEL, L, LE, MANCH, STR, TO, W, WRSL.
1: 1815, (LLZ Nov 1815), p. [1]-6, with exs. nos. *1-25*.
2: 1815, (LLZ Jul 1816), p. [1]-6, with nos. *26-50*.
3: 1816 (LLZ Jul 1816), p. [1]-6, nos. *51-75*.
4: 1816 (LLZ Jul 1816), p. [1]-6, with nos. *76-100*.
5: 1816 (LLZ Jul 1816), p.[1]-6, with nos. *100-125*.
6: 1817 (LLZ 22 Oct 1819), p. [1]-6, with nos. *126-150*.
7: 1817 (LLZ 22 Oct 1819), p. [1]-6, with nos. *151-175*.
8: 1818 (JGLE 19 Jun 1819), p. [1]-6, with nos. *176-200*.
9: 1819 (LLZ 7 Oct 1820), p. [1]-6 (n.v.), with nos. *201-225*.
LZZ: Leipziger Literatur-Zeitung; JGLE: J. Gén. Lit.-étrang. For further details see D.H. Pfister (1982).
Ref.: Pfister, D.H., Taxon 31(3): 490-502. Aug 1902.

10.898. *Allgemeine ökonomisch-technische Flora* oder Abbildungen und Beschreibungen aller, in Bezug auf Oekonomie und Technologie, merkwürdigen Gewächse ... Jena (bey August Schmid) [1820-] 1827-1829 [-1831]. Oct. (*Allg. ökon.-techn. Fl.*).
1: 1820-1827 in 10 Hefte, p. [i], [1]-230, *pl. 1-50* (col. copp. auct.).
2: 1827-1831 in 5 Hefte, p. [i]-x, *pl. 51-75*.
Copy: G (vol. 1). – A note in Flora on Leipzig botanists (4(1): 138. 1821) states that the well-known mycologist and collaborator of G. Kunze "Hr. Dr. Schmidt" is no longer in Leipzig, but now in Jena". This points in the direction that J.C. Schmidt, born in the Oberlausitz, collaborator of G. Kunze at Leipzig, the author of the *Allg. ökon.-techn. Fl.* [as "Med. Dr." and "Johann Karl"] and the later teacher in Lenzburg and curator of the Shuttleworth herbarium are all the same.

Vol.	Heft	*plates*	dates	vol.	Heft	*plates*	dates
1	1	*1-5*	1820	1	9	*41-45*	
	2	*6-10*			10	*46-50*	1827
	3	*11-15*		2	1	*51-55*	1827
	4	*16-20*	1822		2	*56-60*	
	5	*21-25*	1822		3	*61-65*	
	6	*26-30*			4	*66-70*	
	7	*31-35*			5	*71-75*	1831
	8	*36-40*					

Schmidt, Johann Joachim (*fl.* 1797), German botanist. (*J.J. Schmidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 232; BM 4: 1848; PR 8283-8284, ed. 1: 9211-9212; Rehder 1: 251, 255, 4: 522; SO 771.

10.899. *Aeusserungen ueber ein System in der Pflanzenkunde* von Dr. J.J. Schmidt. 1797. Oct. (*Aeuss. Syst. Pfl.-K.*).
Publ.: 1797, p. [1]-39, [40]. *Copies*: B-S, P.C. Silva.

10.900. *Botanisches Jahrbuch* für Jedermann, ... die Pflanzen des Erdbodens aller Art, deren System, Geschichte und Literatur näher kennen zu lernen. Lüneburg (Herold und Wahlstab) 1799. Oct. (*Bot. Jahrb.*).
Publ.: 1799, p. [i], [1]-308, 3 charts. *Copy*: B-S (title-page lacking; our text for the title is that given by PR 8284).

Schmidt, Justus J.H. (1851-1930), German (Holstein) botanist; at the Segeberg teacher's college 1871-1874; teacher at the school of the St. Johannis monastery at Hamburg 1874-1916. (*J.J.H. Schmidt*).

HERBARIUM and TYPES: HBG; other material in C.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 16: 8148; Christiansen p. 319 (index, many entries!); LS 38952; Urban-Berl. p. 393.

BIOFILE: Anon., Die Heimat, Monatschr. Pflege Nat.-Landesk. Schlesw.-Holst. 31(9): 149-150. 1921 (tribute 70th birthday; portr., b. 29 Sep 1851), 40: 153-155. 1930 (d. 21 Mai 1930, portr., obit., herb. in the Altona Museum).
Christiansen, D.N. von, Schr. naturw. Ver. Schlesw.-Holst. 28(2): 449-450. 1928.
Elmendorff, F., *in* Festschr. Bot. Ver. Hamburg 11-13. 1931 (n.v.).
Koster, J.Th., Taxon 18: 557. 1969 (coll. C).
Prahl, P., Krit. Fl. Schlesw.-Holst. 2: 53. 1890 (note on Beitrag zu einem Standortsverzeichniss, 1878).

NOTE: (1) *Beitrag zu einem Standortsverzeichniss der Phanerogamen des südöstlichen Holsteins*, Schr. naturw. Ver. Schlew.-Holst. 3(1): 55-101. 1878. For a note on this publication see P. Prahl 1890; *Neues aus der Flora Holsteins*, ib. 11: 87-98. 1898.
(2) *Flüchtige Blicke in die Flora Islands*, Bot. Monatschr. 13: 41-43. Mar, 69-72. Mai, 120-123. Aug-Sep, 152-154. Nov, 163-165. Dec 1895.
(3) *Zur Flora von Röm*, Bot. Monatschr. 17: 7-10 Jan, 25-29 Feb-Mar 1899.

10.901. *Die eingeschleppten und verwilderten Pflanzen der Hamburger Flora.* Hamburg 1890. Qu. (*Pfl. Hamb. Fl.*).
Publ.: 1890, p. [1]-32. *Copy*: HH.

10.902. Unterrichtsanstalten des Klosters St. Johannis zu Hamburg. *Die Pteridophyten Holsteins* in ihren Formen und Missbildungen ... Hamburg (Gedruckt bei Lütcke & Wulff ...) 1903. Oct. (*Pterid. Holst.*).
Publ.: Jan-Mar 1903 (Bot. Centralbl. 25 Mai 1903; AbZ 15 Apr 1903; Nat. Nov. Apr(1) 1904), p. [1]-75. *Copies*: B, HH, USDA. – Wissenschaftliche Beilage zum Bericht der Unterrichtsanstalten des Klosters St. Johannis über das Schuljahr 1902/03 ... 1903. Progr. Nr. 112.

Schmidt, [Karl] Max (1880-?), German (Hamburg) botanist; Dr. phil. Göttingen 1903. (*M. Schmidt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Christiansen, p. 82, 149, 320; Nordtstedt suppl. p. 14.

10.903. *Grundlagen einer Algenflora der Lüneburger Heide.* Inaugural-Dissertation zur Erlan-

gung der Doktorwürde der Philosophischen Fakultät der Georg-August-Universität zu Göttingen ... Hildesheim (Druck von August Lax) 1903. Oct. (*Grundl. Algenfl. Lüneb. Heide*).
Publ.: 1903 (p. 3: 24 Apr 1903; Bot. Zeit. 16 Feb 1904, 22 Mar 1904; Hedwigia 29 Feb 1904; Nat. Nov. Mar(2) 1904), p. [1]-102, *pl. 1-2* (uncol. liths. auct.). *Copies*: FH, G, H, US. – Vita on p. 102: b. 12 Jul 1880.
Ref.: Anon., Hedwigia 43: (7). 29 Feb 1904 (rev.).

Schmidt, Oswald [Hermann Wilhelm], (1907-x), German (Berlin) pharmacist; with the Trebbin pharmacy 1925; first state examination pharmacy 1927; at Berlin University 1928-1930; final examination pharmacy 1930; working on his thesis at the Berlin-Dahlem Botanical Museum under L. Diels 1930-1932; Dr. phil. Berlin 1932. (*O. Schmidt*).

HERBARIUM and TYPES: Unknown.

10.904. *Ueber das Vorkommen von Saponin bei den Theaceen* und seine Bedeutung für die Systematik der Familie. Inaugural-Dissertation zur Erlangung der Doktorswürde, genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität Berlin ... Jena (Druck: G. Neuenhahn, ...) 1932. Oct. (*Vork. Saponin Theac.*).
Publ.: 9 Mai 1932, p. [i-vi], [1]-42, [43-44, vita]. *Copy*: B.

Schmidt, Otto Christian (1900-1951), German (Berlin) botanist; Dr. phil. Berlin 1922; assistant at the Botanical Museum Berlin-Dahlem 1922-1939; lecturer (1931); extraordinary professor of pharmacognosy Univ. Berlin (1938); at the Institut für Pflanzenernährungslehre of the University of Berlin 1943-1949; at the University of Münster 1949-1951. (*O.C. Schmidt*).

HERBARIUM and TYPES: B (mainly extant). – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 658; Biol.-Dokum. 16: 8159-8160; BJI 2: 157; Christiansen p. 168, 320; MW p. 438; TL-2/1711, 4554; Zep-Tim. p. 101.

BIOFILE: Anon., Hedwigia 72: (114). 1932 (asst. B); Österr. bot. Z. 87: 248. 1938 (professorship Berlin).
Asen, J., Gesamtverz. Lehrkörp. Univ. Berlin 1: 174. 1955 (b. 24 Jun 1900, d. 24 Aug 1951).
Hansen, A., Bot. bibl. Azores 7. 1970.
Koster, J.T., Taxon 18: 557. 1969 (coll. destr.).
Mattick, F., Ber. deut. bot. Ges. 68a: 156. 1955 (obit.; b. 24 Jun 1900, d. 24 Aug 1951); Willdenowia 1(4): 654-664. 1956 (obit., portr., bibl.).
Merrill, E.D., Contr. U.S. natl. Herb. 30(1): 268. 1947 (Pacific bibl.).
Schmidt, O.C., Schriftenverzeichniss (1923-1943), mss. at B.
Van Landingham, S.L., Cat. Diatom. 6: 3588. 1978, 7: 4226. 1978.
Verdoorn, F., ed., Chron. bot. 2: 34. 1936, 3: 27, 145. 1937, 4: 299, 445. 1938, 5: 319. 1939, 6: 190, 305. 1941.

COMPOSITE WORKS: (1) *Saxifragaceae, Cunoniaceae, Elaeocarpaceae, in* Nova Guinea 14: 148-157, *2 pl.* 1924.
(2) *Polygonaceae, Lythraceae, in* I. Urban, Plantae haitenses 3: 29-33, 82 (Ark. f. Bot. 20a(15)) 1926; *Aristolochiaceae, Ternstroemiaceae, Lythraceae in* id. 4: 1-2, 14-15, 16-18 (Ark. f. Bot. 21a(5)). 1927.
(3) *Selaginellaceae, in* G. Lindau, *Krypt.-Fl. Anf.* ed. 2. 6: 108-109. 1926.
(4) *Die Algenvegetation Helgolands, in* Karsten-Schenck, Vegetationsbilder ser. 19, 5, *pl. 25-30*, 6 p. text, Jena (G. Fischer) 1928.
(5) Editor, with H. Reimers, *Hedwigia* 73-80. 1933-1940; sole editor 81-82. 1943-1944.
(6) EP, Nat. Pflanzenfam. ed. 2, *Aristolochiaceae* 16b: 204-242. 1935.
(7) Editor, *Kryptogamenflora der Mark Brandenburg*, vols. 6a (1936), 7 (1938), 8 (1944, stocks mainly destroyed; see Warnstorf).
(8) Editor G. Lindau, *Hilfsb. Sammeln nied. Krypt.* ed. 2, 1938.

NOTE: Manuscripts destroyed by fire 1-2 Mar 1943 in B: *Phaeophyta* for EP, Nat. Pflanzenfam. ed. 2; *Die marine Vegetation Helgolands* e.a. (see Willdenowia 1(4): 663. 1856).

EPONYMY: *Ottoschmidtia* Urban (1924).

10.905. *Beiträge zur Kenntniss der Gattung Codium* (Stackh. ... Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung ...) 1923. Qu. (*Beitr. Kenntn. Codium*).
Publ.: 1923 (NY rd 6 Jul 1923; ÖbZ for Jan-Mar 1923; Nat. Nov. Feb 1924), p. [ii-v], [1]-67, [68, corr.]. *Copies*: FH, NY. – Bibliotheca botanica Heft 91. –"Autoreferat": Hedwigia 64: (77)-(78). 29 Dec 1923.

10.906. *Die marine Vegetation der Azoren* in ihren Grundzügen dargestellt ... Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung (Erwin Nägele) ...) 1931. Oct. (*Mar. Veg. Azoren*).
Publ.: 1931 (p. [v]: 14 Apr 1931), p. [ii]-viii, [1]-116, *pl. 1-10* w.t., map, 6 charts. *Copies*: B, BR, FH, LC, LD, NSUB. – Issued as Bibliotheca botanica Heft 102.
Ref.: Anon., J. Bot. 70: 86-88. 1932 (rev.).
Schmidt, O.C., Hedwigia 71: (12). Aug 1931.

Schmidt, Robert (1826-1890), German teacher, meteorologist and botanist at Gera (Thuringia/Reuss). (*Rob. Schmidt*).

HERBARIUM and TYPES: Unknown. – Distributed various sets of exsiccatae between 1882 and 1888.
(1) *Lichenes selecti Germaniae mediae*, fasc. 1-2, nos. 1-50, Jena 1882-1883, sets e.g. at L and W. – See Sayre 1969.
(2) *Filices selecti Germaniae mediae*, fasc. 1-2, Jena 1884.
(3) *Equisetaceae selectae Germaniae mediae*, fasc. 1, Jena 1884. (Nat. Nov. Mai(1) 1884).
(4) *Hepaticae selectae Germaniae mediae*, fasc. 1-2, nos. 1-30. Jena 1888 (Herbarium 77,1927).
(5) *Musci selecti germaniae mediae*, fasc. 1-2, nos. 1-53. Jena 1888 (Herbarium 77, 1927).

BIBLIOGRAPHY and BIOGRAPHY: CSP 5: 507, 18: 549; PR 8288; Rehder 1: 384, 4: 422.

BIOFILE: Sayre, G., Mem. New York Bot. Gard. 19(1): 165. 1969, 19(2): 252. 1971 (exsicc.).

10.907. *Flora von Gera.* Systematisches Verzeichniss der im Fürstenthum Reuss-Gera und den angrenzenden Ortschaften wildwachsenden, wie der am häufigsten kultivirten Pflanzen. Erste Abtheilung: Phanerogamen ... Gera (Verlag des Naturwissenschaftlichen Vereins) 1857. Oct. (*Fl. Gera*).
Co-author: [Walther] Otto Müller (1833-1887).
Publ.: 1857 (p. viii: 4 Mar 1857), p. [i]-viii, [9]-98. *Copies*: B, B-S, HH.
Zweite Abtheilung: Cryptogamen: 1858, p. [1]-33. *Copies*: B-S, HH. – Halle (Druck von Wilhelm Plötz) 1858. Reprinted from Z. ges. Naturw. Halle 11: 231-261. Mar-Apr 1858.
Nachträge: Jahresber. Ver. Naturw. Gera 1: 24. 1858, 2: 24. 1859, 3: 60. 1860, 4: 50. 1861, 5: 65-66. 1862, 6: 35-37. 1863 (n.v.).
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 16: 152. 1858.

Schmidt, Wilhelm Ludwig Ewald (1804-1843), German (Prussian, Brandenburg) physician, botanist and entomologist; Dr. med. Berlin 1828; practicing physician and teacher at the Royal Gymnasium at Stettin from 1829. (*W.L.E. Schmidt*).

HERBARIUM and TYPES: Some material in GOET. – Issued exsiccatae with Kersten (Bot. Zeit. 1843) on which we have no further data.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 518; Barnhart 3: 233 (b. 4 Mai 1804, d. 5 Jun 1843); BM 4: 1849; CSP 5: 507-508; Herder p. 95, 188; Hortus 3: 1203; PR 7790, 8289-

8290, ed. 1: 8746, 9215-9219; Rehder 5: 773; TL-2/9602 (as E.L.W. Schmidt; W.L.E. seems to be correct); Tucker 1: 632.

BIOFILE: Anon., Bot. Zeit. 1: 504. 1843 (obit., exsicc. publ.); Flora 26(2): 571. 1843 (d. 5 Jun 1843).
Ascherson, P., Fl. Provinz Brandenb. 1: 13. 1864.
Dieckhoff, L.A., Entom. Zeit., Stettin 4(7): 194-199. 1843 (obit.).
Wagenitz, G., Index coll. princ. herb. gott. 149. 1982.

COMPOSITE WORKS: With Friedrich Wilhelm Gottlieb Rostkovius (1770-1848), *Flora sedinensis*, 1824, see TL-2/9602.

NOTE: Schmidt published also a "*Kurze Anweisung* für junge Pharmaceuten, das Studium der Botanik zweckentsprechend und selbständig zu betreiben", Stettin 1830, 72 p.

10.908. *De Erythraea.* Dissertatio inauguralis botanico-medica quam consensu et auctoritate gratiosi medicorum ordinis in alma universitate litteraria berolinensi ut summi in medicina et chirurgia honores rite sibi concedantur die xx mensis augusti a. mdcccxxviii h.l.q.s. palam defensurus est auctor Guilelmus Ludov. Ewaldus Schmidt marchicus ... Berolini (Typis Krausianis [1828]. Qu. (*Erythraea*).
Publ.: 20 Aug 1828, p. [i]-x, [11]-30, [31, theses], *pl. 1-2* (uncol. copp.). *Copies*: FI, G, HH. – *Vitae curriculum* on p. 29-30.
Ed. 2: Jan 1832, *Einige Bemerkungen über das Genus Erythraea*, Linnaea 7: 467-484. *pl. 12-13.* Jan 1832.
Ref.: [Schlechtendal, D.F.L. von], Linnaea 3 (4, Litt.): 165-166. Oct 1828 (rev.).

10.909. *Getreue und systematische Beschreibung der officinellen Pflanzen* der neuesten Preussischen Landes-Pharmacopoë in tabellarischer Uebersicht. Ein botanisches Handbuch für studirende mediciner und Pharmaceuten ... Berlin (Verlag von Theodor Christian Friedrich Enslin) 1831. Qu. (oblong). (*Beschr. off. Pfl.*).
Publ.: 1831, p. [i-ii], [1]-122. *Copy*: B-S.
Ref.: Anon., Linnaea 6 (Litt.): 51-52. 1831 (rev.).

10.910. *Botanischer Wegweiser* oder practische Unterweisung zweckgemäss das Studium der Botanik zu beginnen, die Terminologie und Systemkunde zu studiren, botanische Werke zu benutzen, Pflanzen zu bestimmen, zu untersuchen, zu beschreiben, zu sammeln, einzulegen, zu trocknen, und ein Herbarium anzulegen; nebst einem Anhange, enthaltend die nähere Erörterung einiger schwierigen Pflanzenfamilien. Für junge Botaniker entworfen ... Stettin (Verlag der Nicolai'schen Buch- und Papier-Handlung von C.F. Gutberlet) 1837. Oct. (*Bot. Wegweis.*).
Publ.: Mai 1837 (Hinrichs 21-27 Mai 1837), p. [i]-iv, [1]-118. *Copy*: B-S.
Ref.: Anon., Flora 21(2), Litt. 5: 76-81. 1838.

10.911. *Flora von Pommern und Rügen* ... Stettin (In der Becker- und Altendorff'schen Buchhandlung) 1840. Oct. (*Fl. Pommern*).
Ed. [*1*]: 22-28 Mar 1840 (p. viii: Feb 1840; Hinrichs), p. [i]-xxxxviii, [1]-392. *Copies*: B-S, FI, G, HH, NY.
Ed. 2: 1848 (p. vi: Jan 1848), p. [i]-xlviii, [1]-399. *Copies*: B, NY, USDA. – Zweite Auflage. Vermehrt und verbessert von Dr. Baumgardt [possibly identical with Ernst Baumgardt, who published "*Ueber die Flora von Rügen*" 1845, PR 544, TL-2/369, later teacher at Potsdam].

Schmidtke, Ernst (*fl.* 1934), German (Prussian) bryologist at Zoppot nr Danzig. (*E. Schmidtke*).

HERBARIUM and TYPES: In the former Danzig Museum für Naturkunde und Vorgeschichte (destroyed).

10.912. *Beitrag zur Moosflora des nordostdeutschen Flachlands* [Sonderdruck aus dem 56. Bericht des Westpreussischen Botanisch-Zoologischen Vereins, 1934]. Oct.

Publ.: 1934 (Nat. Nov. Oct 1934), p. [1]-11. *Copy*: U. – Reprinted and to be cited from Ber. Westpreuss. zool.-bot. Ver. 56: 35-45. 1934.
Zweiter Beitrag: 1935 (Nat. Nov. Dec 1936), p. [1]-8. *Copy*: U. – Id. 57: 53-60. 1935.

Schmitt, Joseph (1862-1915), French physician and botanist; Dr. phil. Paris 1904, professor at the Faculté de Médecine, Nancy. (*J. Schmitt*).

HERBARIUM and TYPES: QPH (Robitaille 1930).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 233; BL 1: 145, 317; BM 4: 1850; GR p. 740-741; LS 24028; Tucker 1: 632, 3: 272.

BIOFILE: Boivin, B., Provancheria 10: 88. 1980 (coll. QPH).
Kucyniak, J., Bryologist 49: 131. 1946.
Robitaille, A., Natural. canad. 57(12): 254. 1930 (herb. Anticosti Isl. at QPH).

10.913. *Monographie de l'Ile d'Anticosti* (Golfe Saint-Laurent) ... Paris (Librairie scientifique A. Hermann ...) 1904. Oct. (*Monogr. Ile Anticosti*).
Publ.: 1904 (TBC 26 Nov 1904), p. [i*-ix*], [i]-vi, [1]-370. *Copy*: MO. – Annotated list of vascular plants, revised by Macoun on p. 129-234.

Schmitz, [Carl Johann] Friedrich (1850-1895), German (Rhineland) botanist (algologist); studied botany at Bonn with J.L.E.R. von Hanstein; participated in the 1870-1871 Franco-German war; Dr. phil. Bonn 1871; assistant with A. de Bary at Halle and Strassburg 1872-1874; habil. Halle 1874; lecturer ib. 1874-1878; at Napoli zoological station 1878; extraordinary professor of botany at Bonn 1878-1884; professor of botany at Greifswald 1884-1895. (*F. Schmitz*).

HERBARIUM and TYPES: BM (collection of 7.457 microscope preparations of marine algae, being the types of his Florideae ..., purchased 1899, Murray 1904). Some further types of algae at L. – *Letters* to F.A.W. Miquel at U; further letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 122, 123, 319, 347; Barnhart 3: 233 (b. 8 Mar 1850, d. 24 Jan 1895); Biol.-Dokum. 16: 8187-8188; BJI 1: 52; BM 4: 1850; Bossert p. 354; CSP 8: 874, 12: 661; De Toni 1: cxii-cxiii, 2: civ-cv, 4: li-lii; Frank 3 (Anh.): 91; Herder p. 121, 313, 434; Jackson p. 75, 84, 85, 91, 109, 159, 313; Langman p. 682; LS 24030-24032; Moebius p. 91, 92, 93, 94, 95, 175, 189, 198; Morren ed. 2, p. 7, ed. 10, p. 8; MW p. 438; Nordstedt p. 29; Rehder 5: 773; Saccardo 1: 149-150, 2: 99.

BIOFILE: Anon., Ber. deut. bot. Ges. 12: (171). 1894 (d.); Bot. Centralbl. 20: 288. 1884 (called to Greifswald), 61: 239. 1895 (d.); Bot. Zeit. 30: 256. 1872 (app. Strassburg), 32: 367. 1874 (habil. Halle), 42: 736. 1884 (app. Greifswald), 53: 56. 1895 (d.); Bull. Soc. bot. France 41: 623. 1894; Flora 55: 255. 1872 (asst. Strassburg); Hedwigia 34: (39). 1895 (d.); Nat. Nov. 6: 234. (err. statement on appointment at Halle), 252 (app. Greifswald). 1884; Öster. bot. Z. 22: 238. 1872 (app. Strassburg), 35: 36. 1885 (app. Greifswald), 45: 119. 1895 (d.).
Carruthers, J.B., J. Bot. 33: 115-117. 1895 (obit.).
De Toni, G.B., Nuova Notarisia 6: 61-72. 1895 (obit., bibl.), repr. p. [1]-12. 1895.
E.D.W., Nuova Notarisia 10: 30. 1895 (obit.).
Falkenberg, P., Ber. deut. bot. Ges. 13: (47)-(53). 1895 (obit., bibl.).
Fitting, F., Decheniana 105/106: 10. 1952 (work at Bonn).
Hauptfleisch, P., Hedwigia 34: 132-138. 1895 (obit., bibl.).
Koster, J.Th., Taxon 18: 557. 1969 (types L).
Morot, L., J. Bot. (Morot): 9: 60. 1895 (obit.).
Morton, A.G., Hist. bot. Sci. 455. 1981.
Murray, G., Hist. coll. BM(NH) 1: 181. 1904 (type coll. 7.457 preparations acquired 1899).
Reinke, J., Mein Tagewerk 50, 115, 180. 1925.

COMPOSITE WORKS: EP Natürl. Pflanzenfam., *Florideae* in 1(2):

Acrotylaceae, 1(2): 350-352. Jan 1897, with P. Hauptfleisch (1861-1906).
Bangiaceae, 1(2): 307-316. Dec 1896.
Bonnemaisoniaceae, 1(2): 417-420. Apr 1897, with P. Hauptfleisch.
Ceramiaceae, 1(2): 481-504. Dec 1897, with id.
Chaetangiaceae, 1(2): 335-336. Dec 1896, 337-339. Jan 1897, with id.
Compsopogonaceae, 1(2): 318-320. Dec 1896.
Corallinaceae, 1(2): 537-544. Dec 1897, with P. Hauptfleisch.
Delesseriaceae, 1(2): 406-416. Apr 1897, with id.
Dumontiaceae, 1(2): 515-521. Dec 1897, with id.
Gelidiaceae, 1(2): 340-349. Jan 1897, with id.
Gigartinaceae, 1(2): 352-366. Jan 1897, with id.
Gloiosiphoniaceae, 1(2): 505-508. Dec 1897, with id.
Grateloupiaceae, 1(2): 508-514. Dec 1897, with id.
Helminthocladiaceae, 1(2): 327-335. Dec 1896, with id.
Lemaneaceae, 1(2): 324-327. Dec 1896, with id.
Nemastomaceae, 1(2): 521-527. Dec 1897, with id.
Rhizophyllidaceae, 1(2): 527-532. Dec 1897, with id.
Rhodochaetaceae, 1(2): 317-318. Dec 1896.
Rhodomelaceae, 1(2): 421-480. Apr 1897, with P. Falkenberg (1848-ca. 1926).
Rhodophyllidaceae, 1(2): 366-382. Jan 1897, with id.
Rhodophyceae, 1(2): 298-306. Dec 1896, with id.
Rhodymeniaceae, 1(2): 396-405. Apr 1897, with P. Hauptfleisch.
Sphaerococcaceae, 1(2): 382-384. Jan 1897, 385-396. Apr 1897, with id.
Squamariaceae, 1(2): 532-537. 1 Dec 1897, with id.
Thoreaceae, 1(2): 321-324. Dec 1896.
Note: F. Schmitz left the main part of the manuscript upon his death; Hauptfleisch completed the treatment.

EPONYMY: *Schmitzia* P.C. Silva (1959); *Schmitziella* Bonnet et Batters (1892).

10.914. *Zur Deutung der Euphorbia-Blüthe* ... Regensburg (Druck von Fr. Neubauer (Chr. Krug's Wittwe)) 1871. Oct.
Publ.: 2 & 9 Dec 1871 (in journal), p. [i], [1]-16, *pl. 4*. *Copies*: B, M. – Reprinted and to be cited from Flora 54: 417-422. 2 Dec, 433-443. 9 Dec 1871.

10.915. *Das Fibrovasalsystem in Blüthenkolbern der Piperaceen.* Inaugural-Dissertation zur Erlangung der Doctorwürde in der philosophischen Facultät zu Bonn zugleich mit den beigefügten Thesen am 23. December 1871 vertheidigt von Friedrich Schmitz ... Essen 1871. Oct. (*Fibrovasalsyst. Bl.-Kolb. Piperac.*).
Publ.: 23 Dec 1871, p. [1]-30, [31, vita], [32, theses]. *Copy*: FH.

10.916. *Der morphologische Aufbau von Verhuellia* Miq. [Sonderabdruck aus Flora 1872]. Oct.
Publ.: 11 & 21 Sep 1872 (in journal), p. [1]-24, *1 pl.* *Copy*: M. – Reprinted and to be cited from Flora 55: 401-415. 11 Sep, 407-424. 21 Sep 1872.

10.917. *Die Blüthen-Entwicklung der Piperaceen* ... Bonn (bei Adolph Marcus) 1872. Oct. (*Bl.-Entw. Piperac.*).
Publ.: 1872 (J. Bot. Feb 1873), p. [ii-iii], [1]-74, *pl. 1-5* (uncol. liths. auct.). *Copies*: B, BR, G, MO, NY. – Issued as: Botanische Abhandlungen aus dem Gebiet der Morphologie und Physiologie [ed. J. Hanstein], 2(1). 1872.

10.918. *Beobachtungen ueber die Entwicklung der Sprossspitze der Phanerogamen* I. Habilitationsschrift, durch welche mit Genehmigung der Philosophischen Facultaet der Vereinigten Friedrichs-Universitaet Halle-Wittenberg zu seiner Antrittsvorlesung ueber die neuere Flechtentheorie Sonnabend, 9. Mai 12 Uhr ergebenst einladet Friedrich Schmitz Dr. phil. Halle (Gebauer-Schwetschke'sche Buchdruckerei) 1874. Oct. (*Beob. Entw. Sprossspitze*).
Publ.: shortly before 9 Mai 1874, p. [1]-38. *Copies*: B, FH.

10.918a. *Ueber die Auxosporenbildung der Bacillariaceen* ... Halle (Druck und Verlag von H.W. Schmidt) 1877. Oct.
Publ.: 1877, p. [i], [1]-12. *Copy*: FH. – Preprinted from Ber. Sitz. Naturf. Ges. Halle 1877: 12-24. 1878. The journal issue was mentioned by Bot. Zeit. only on 2 Aug 1878; received by KNAW Dec 1878.

10.919. *Die Familiendiagramme der Rhoeadinen.* Ein Beitrag zur vergleichenden Morphologie der Phanerogamen ... Halle (Druck und Verlag von H.W. Schmidt) 1878. Qu. (*Fam.-Diagr. Rhoead.*).
Publ.: Dec 1877 or early Jan 1878 (p. [4]: 2 Nov 1877; Bot. Zeit. 18 Jan 1878), p. [1]-140, *pl. 1* (uncol. lith.). *Copies*: G, HH, M. – Preprinted or reprinted from Abh. naturf. Ges. Halle 14: 1-140, *pl. 1.* 1878.
Ref.: Anon., Bull. Soc. bot. France 25 (bibl.): 34-35. 1878 (rev.).

10.919a. *Über grüne Algen aus dem Golf von Athen* ... Aus den Sitzungsberichten der Naturf. Ges. zu Halle ... 1878. Qu.
Publ.: Dec 1878 or early 1879 (read 30 Nov 1878; journal issue rd KNAW Jul-Sep 1879), p. [1]-7. *Copy*: FH. – Reprinted or preprinted from Ber. Sitz. Naturf. Ges. Halle 1878: 17-23. – See also Bot. Zeit. 37: 167-175. 1879.

10.920. *Halosphaera*, eine neue Gattung grüner Algen aus dem Mittelmeer von Dr. Fr. Schmitz. (Mit Tafel iii). Abdruck aus den Mittheilungen der Zoologischen Station zu Neapel. 1. Band. 1. Heft [1879]. Oct.
Publ.: 1879 (p. 92: 31 Mai 1878), cover-t.p., p. [67]-92, *pl. 3* (col. lith.). *Copy*: FH. – Reprinted and to be cited from Mitt. Zool. Sta. Neapel 1(1): 67-92, *pl. 3.* 1879.

10.921. *Beobachtungen über die vielkernigen Zellen der Siphonocladiaceen* ... Halle (Max Niemeyer) 1879. Qu.
Publ.: 1879, p. [1]-47, [48, expl. pl.], *pl. 12. Copies*: FH, M. – Reprinted and to be cited from Festschrift Naturf. Ges. Halle 1879, p. 273-320, *pl. 12.*

10.922. *Die Chromatophoren der Algen.* Vergleichende Untersuchungen über Bau und Entwicklung der Chlorophyllkörper und der analogen Farbstoffkörper der Algen ... Bonn (Verlag von Max Cohen & Sohn (Fr. Cohen)) 1882. Oct. (*Chromatoph. Alg.*).
Publ.: Dec 1882 (p. 176: Jul 1882; Bot. Zeit. 26 Jan 1883; J. Bot. Jan 1883; Bot. Jahrb. 22 Mar 1883; Nat. Nov. Dec(1) 1882), p. [i]-iv, [1]-180, *1 pl.* (*1-2*) (uncol. lith. auct.). *Copies*: B, FH, G, M, NY. – Preprinted from Verh. nat.-hist. Ver. preuss. Rheinl. Westf. 40(Verh.): [1]-180, *pl. 1-2* (in one). 1883. – Reprint "Mit einer Tafel", journal "Hierzu Tafel i und ii"; the plate is a double one "i und ii".
French translation: Rev. Sci. nat. ser. 3. 2: 301-348, 498-556, *pl. 13-14.* 1883.
Ref.: Anon., Bull. Soc. bot. France 30 (bibl.): 222-223. 1883.

10.923. *Untersuchungen über die Befruchtung der Florideen* ..., Berlin (Gedruckt in der Reichsdruckerei) 1883. Qu.
Publ.: 1 Mar 1883 (p. 46; NY copy mailed from Bonn on 15 Mar 1883), p. [1]-46, *pl. 5* (uncol. lith. auct.). *Copy*: NY. – Reprinted and to be cited from S.B. Kön. Akad. Wiss. Berlin 10: 215-258. 1883.
Ref.: Askenasy, E., Bot. Zeit. 41: 608-613. 14 Sep 1883 (rev.).
Bornet, E., Bull. Soc. bot. France 31 (bibl.): 45-47. 1884 (rev.).
Engler, A., Bot. Jahrb. 5 (Lit.): 12-13. 31 Dec 1883 (rev.).

Schmitz, Johann Joseph (1813-1845), German (Rheinland) botanist and teacher; studied natural sciences at Bonn 1834-1838; at the "Ritteracademie" in Bedburg a. Rhein. (*J.J. Schmitz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234 (d. 14 Aug 1845); BM 4: 1850; Herder p. 188; PR 8292, ed. 1: 9221; Rehder 1: 380; Tucker 1: 632.

BIOFILE: Anon., Bot. Zeit. 4: 703. 1846 (d. 14 Aug 1845, teacher at the "Ritteracademie", Bedburg).
Weiling, F., Decheniana 126: 23. 1974.

EPONYMY: *Schmitzomia* E.M. Fries (1849).

10.924. *Flora bonnensis* scripserunt J. Jos. Schmitz & Ed. Regel. Praemissa est L.C. Trevirani Prof. Bonn. Comparatio Florae wratislaviensis et bonnensis. Bonnae [Bonn] (H.B. König) 1841. Oct. (*Fl. bonn.*).
Co-author: Eduard August von Regel (1815-1892); *author* of introduction: Ludolf Christian Treviranus (1779-1864).
Publ.: 22-28 Aug 1841 (t.p.: 1841; p. viii: Mai 1841; received by Hinrichs 22-28 Aug 1841), p. [i]-xlviii, [1]-512. *Copies*: B, BR, FI, G, HH, MO, NY, USDA.
Ref.: [Schlechtendal, D.F.L. von], Linnaea 15 (Litt.): 155-156. 1841-1842.

Schmoll, Hazel Marguerite (1891-x), American teacher and botanist; Dr. phil. Chicago; BA and BE Univ. Colorado 1913; assistant in biology Vassar College 1913-1917; curator of botany State History and Natural History State Museum Denver 1919-1920, 1921-1933; curator Colorado State Bureau of Mines 1920-1921; after 1933 Senior botanist, WPA project, Field Mus. Chicago. (*Schmoll*).

HERBARIUM and TYPES: COLO; other material at E, NY.

BIBLIOGRAPHY and BIOGRAPHY: Anon., Amer. men sci. ed. 5: 983. 1933, ed. 6: 1248. 1938, ed. 7: 1563. 1944; Barnhart 3: 234 (b. 23 Aug 1891); BL 1: 170, 317; Ewan ed. 1: 273, 299-300, ed. 2: 195; GR p. 243; Hirsch p. 265; Hortus 3: 1203.

BIOFILE: Cattell, J.M. & J., Amer. men Sci. ed. 4: 863. 1927.
Howes, D., ed., Amer. Women 2: 604. 1937.

10.924a. The University of Chicago. *Vegetation of the Chimney Rock Area*, Pagosa-Piedra region, Colorado. A dissertation submitted to the Faculty of the Division of the Biological Sciences in candidacy for the degree of doctor of philosophy Department of Botany 1932 ... Private edition, distributed by the University of Chicago Libraries, Chicago, Illinois 1935. Oct. (*Veg. Chimney Rock Area*).
Publ.: 1935, cover-t.p., p. [i]-iii, 1-58. *Copies*: HH, MH-A.

Schmucker, Theodor (1895-1970), German (Bavarian) botanist; student of K. Goebel and G. Hegi in München; Dr. phil. München 1922; assistant with K. Goebel, subsequently "Privatdocent" (1927) and extraordinary professor (1933) of botany at Göttingen; ordinary professor of forest botany and technical mycology at the forestry college of Hann.-Münden (Forestry faculty of the University of Göttingen) 1937-1959. (*Schmucker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234 (b. 5 Mai 1894, prob. err.); BFM 1631, 2442; Biol.-Dokum. 16: 8192-8194; BJI 2: 157; BL 1: 114, 317, 2: 563, 715; Bossert p. 354; Hirsch p. 265; Langman p. 682; LS suppl. 24795; TL-2/see E.O.O. Kirchner.

BIOFILE: Anon., Hedwigia 78: (75). 1938 (app. Hann.-Münden); Österr. bot. Z. 83: 79. 1934 (prof. title), 87: 160. 1938 (app. Hann.-Münden).
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 235. 1938.
Melchers, G., Ber. deut. bot. Ges. 88: 473-484. 1976.
Nüsslein, F., Mitt. deut. dendrol. Ges. 64: 5-8. 1972 (obit., portr., b. 5 Mai 1895 sic, d. 21 Jun 1970).
Oberschelp, R., Gesamtverz. deut. Schriftt. 115: 558. 1980.
Verdoorn, F., ed., Chron. bot. 3: 131. 1937.

COMPOSITE WORKS: Continued E.O.O. Kirchner et al., *Lebensgesch. Bl.-Pfl. Mitteleur.* 1904-1942 (64 Lieferungen).

NOTE: Schmucker's definition of a tree was "Ein Baum ist eine hochwerdende, aufrechte Landpflanze" (Nüsslein, 1972).

Schnabl, Johann Nepomuk (1853-1899), German (Bavarian) teacher and botanist; from 1877-1896 at the "girl's high school" at Sendling, München, from 1896-1899 at the "höhere Töchterschule" München. (*Schnabl*).

HERBARIUM and TYPES: M; other material at C, H (2000 orig. fungi), L, NY, PC. *Exsiccatae*: with Andreas Allescher (1828-1903), *Fungi bavarici exsiccati*, cent. 1-6, 1890-1897. Sets at B, C, FH, HBG, KIEL, L, LE, M, NY, PAD, PC. – Allescher continued the series after Schnabl's death; a tenth century was published in 1909 (Herbarium 8: 58. 1909; also reported by FH); this century was published by A. Vill. – Reviews of centuries 3-7: P. Magnus, Hedwigia 32: (245)-(246). 1893(3), 33: (167)-(168). 1894(4), 35: (59)-(60). 1896(5), 36: (174)-(175). 1897(6), 39: (190)-(191). 1900(7) and Bot. Centralbl. 83: 196-197. 1900(7). – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234 (b. 5 Oct 1853, d. 16 Jun 1899); Biol-Dokum. 16: 8197; CSP 18: 554; DTS 3: xxviii; GR p. 45, coll. at WA[?], cat. p. 71; LS 840, 24037, 30504-30505; Stevenson p. 1257; TL-2/see A. Allescher; Urban-Berl. p 281.

BIOFILE: Anon., Ber. bayer. bot. Ges. 7: 9-10. 1900 (obit., portr.); Ber. bot. Ver. Landshut 16: 13-16. 1901 (obit., portr.); Bot. Monatschr. 17: 127. 1899 (d. 16 Jun 1899); Bot. Not. 1900: 47 (d.); Bot. Jahrb. 27 (Beibl. 64): 19. 1900 (d.); Hedwigia 38: (249). 1899 (d.); Nat. Nov. 21: 496. 1899 (d.).
Hertel, H., Mitt. Bot. München 16: 430-431. 1980 (many lichens at M).
Magnus, P., Bot. Centralbl. 79: 79-80. 1899 (obit.).

Schnarf, Karl (1879-1942), Austrian botanist and high school teacher; student of Richard Wettstein in Wien 1899-1904; Dr. phil. Univ. Wien 1904; from 1904-1906 and 1912-1936 at the Bundes-Gymnasium, Wien vi, from 1923 "Privatdozent" for systematic botany at the university, from 1931 with the title of professor. (*Schnarf*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234 (b. 12 Dec 1879); BFM 2562-2566; Biol.-Dokum. 16: 8199; BJI 2: 157; Bossert p. 354; Futak-Domin p. 528; Hirsch p. 265; Langman p. 682; Moebius p. 138, 348; Tucker 3: 272.

BIOFILE: Anon., Kurtziana 14: frontisp. and dedic. 1981 (portr.; dedicated to S.'s memory 50 yrs after the publ. of his *Vergl. Embryol.* Angiosp.); Richard Wettstein zum sechzigsten Geburtstag p. [5, 7]. 1923 (signature).
Höfler, K., Alman. österr. Akad. Wiss. 101: 415-424. 1951 (obit., bibl.).
Janchen, E., Richard Wettstein 186. 1933.
Verdoorn, F., ed., Chron. bot. 2: 78, 380. 1936, 4: 20, 464, 507, 508. 1938, 5: 120, 332, 409, 418. 1939.

COMPOSITE WORKS: (1) *Embryologie der Angiospermen*, *in* K. Linsbauer, *Handb. Pfl.-Anat.* ii. Abt., 2. Teil, Bd. 10, Berlin 1928 (part 1), 1930 (part 2), 689 p., see R. Wettstein, Österr. bot. Z. 77: 74. 1928, 79: 377. 1930.
(2) *Anatomie der Gymnospermensamen*, *in* id. ii. Abt., Bot. 10(1), Berlin 1937, iv, 156 p., see Fr. Knoll, Österr. bot. Z. 86: 314-315. 1937.

10.925. *Zur Entwicklungsgeschichte von Plantago media* ... Wien (Aus der kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1917. Oct.
Publ.: 1917, p. [1]-24. *Copy*: M. – Reprinted and to be cited from S.B. K. Akad. Wiss. Wien, Mat.-nat. Kl., Abt. 1. 126(10): 927-948. 1917.

10.926. *Beiträge zur Kenntniss der Samenentwicklung der Labiaten* ... Wien (aus der kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1917. Qu. (*Beitr. Samenentw. Labiat.*).
Publ.: 1917 (t.p. preprint), p. [i], [1]-64, *pl. 1-2* w.t. *Copies*: B, NY. – Preprinted from Denkschr. k. Akad. Wiss. Wien, Mat.-nat. Kl. 94: 211-274, *pl. 1-2* w.t. 1918.

10.927. *Bemerkungen zur Stellung der Gattung Saurauia im System* ... Wein (Hölder-Pichler-Tempsky, A.-G. ...) 1924. Oct.
Publ.: 1924, cover-t.p., p. [17]-28. *Copy*: G. – Reprinted and to be cited from S.B. Akad. Wiss. Wien, Mat.-nat. Kl. Abt. 1, 133(1-3): 17-28. 1924.

10.928. *Vergleichende Embryologie der Angiospermen* ... Berlin (Verlag von Gebrüder Borntraeger ...)1931. Oct. (*Vergl. Embryol. Angiosp.*).
Publ.: 1931 (p. vi: 17 Aug 1931; Nat. Nov. Jan-Feb 1932), p. [i]-vi, [vii], [1]-354. *Copies*: B, BR, HH, MH-A, USDA.
Ref.: Janchen, E., Österr. bot. Z. 81: 76-77. 1932 (rev.).

10.929. *Vergleichende Cytologie des Geschlechtsapparates der Kormophyten* ... Berlin-Zehlendorf (Verlag von Gebrüder Borntraeger) 1941. Oct. (*Vergl. Cytol. Geschl.-App. Kormoph.*).
Publ.: 1941, p. [i-vii], [1]-249. *Copy*: FI.

Schneck, Jacob (1843-1906), American botanist; Dr. med. Chicago 1871; practicing physician in Mt. Carmel, Illinois. (*Schneck*).

HERBARIUM and TYPES: ISM; further material at ILL, MO, NY. – Field notes at ILL; *letters* at GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234 (b. 11 Dec 1843, d. 18 Dec 1906); BL 1: 177, 317; CSP 12: 661, 18: 555; IH 2: (files); Lenley p. 361; PH 150, 567; Rehder 5: 773; Tucker 1: 14, 632.

BIOFILE: Anon., Torreya 7(3): 67. 1907 (d.).
Deam, C.C., Fl. Indiana 1118. 1940 (coll.).
Mohlenbrock, R.H., Ann. Missouri Bot. Gard. 69: 391. 1982.

10.930. *Catalogue of the flora of the Wabash Valley* below the mouth of White River, and observations there on. [Seventh Annual Report of the Geological Survey of Indiana ... 1876]. Oct.
Publ.: 1876, p. [504]-579. *Copy*: HH. – Reprinted and to be cited from Ann. Rep. Geol. Surv. Indiana 7: 504-579. 1876.
Additions: C.C. Deam, Proc. Indiana Acad. Sci. 1911: 365-369. 1912. – See also J. Schneck, Bot. Gaz. 2: 83. 1877.
Ref.: Anon., Bot. Gaz. 2: 65. Dec 1876 (rev.).
Coulter, J.M., Bot. Gaz. 2: 72-73. 1877 (rev.).

Schneevoogt, George Voorhelm (1775-1850), Dutch gardener and botanist. (*Schneev.*).

HERBARIUM and TYPES: Unknown. It is questionable whether they ever existed. The *Icones* were started when Schneevoogt was 17 yrs old, under the direction of S.J. van Geuns. Schneevoogt was then a horticulturist at Haarlem.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234; Blunt p. 168; BM 4: 1850; Dawson p. 736; Dryander 3: 89; DU 277; GF p. 75; Hortus 3: 1203; HU 728, 2(1): clxi, clxxxiv, cv; Jackson p. 113; MW suppl. p. 309; NI 1784; Plesch p. 401; PR 8295, ed. 1: 9225, 10834-10836; Rehder 1: 264, 3: 445; RS p. 76; SK 4: ccxii; Sotheby 861; TL-1/1175; Tucker 1: 632; Zander ed. 10, p. 712, ed. 11, p. 813.

BIOFILE: Forbes, R.J., Martinus van Marum 1: 335. 1969 (Beschreibung der Amaryllis gigantea), 3: 134, 139. 1971.
Kuijlen, J. et al., Paradisus batavus 231, 232 [index]. 1983.

Lefebvre, E. & J.G. de Bruyn, Martinus van Marum 6: 124, 125-127, 182, 342. 1976.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 7a(4): 192-193. 1961 (bibl.).
Roberts, W., J.R. Hort. Soc. 60(5): 199-208. 1935 (The Voorhelms of Haarlem).
Stearn, W.T., J. Bot. 78: 66-74. 1940.
Usteri, P., Neue Ann. Bot. 3: 74-79. 1794 (rev. fasc. 9, 10).
Verdoorn, F., ed., Chron. bot. 7: 264. 1943.

10.931. *Icones plantarum rariorum.* Delineavit et in aes incidit Henricus Schwegman; edidit et descriptiones addidit G. Voorhelm Schneevoogt; scriptionem inspexit S.J. van Geuns ... Afbeeldingen van zeldzaame en fraaje bloem- en plant-gewassen naer t' leven getekend, gegraveerd en gecouleurd door Hendrik Schwegman, met derzelver beschrijving in 't Latijn, Neêrduitsch, Fransch en Hoogduitsch, door G. Voorhelm Schneevoogt. Uitgegeven onder het opzigt van den Hoog Gel. Heer S.J. van Geuns Matth. Z. — te Haerlem (Bij C. Plaat) [1792-] 1793 [-1795]. Fol. (*Icon. pl. rar.*).
Publ.: 1792-1795 in 16 parts, p. [i-iii], [1]-4, [5, index], *pl. 1-48* (1-40, 42-48 col. copp., 41 uncol. copp.; H. Schwegman) with text. *Copies*: B-S (48 pl.), BR (*39 pl.*), G (*42 pl.*), HH (*48 pl.*), MO (*48 pl.*), PH (*48 pl.*), Teyler; IDC 5721.

part	*plates*	dates	part	*plates*	dates
1	*1-3*	20 Apr 1792	9	*25-27*	14 Jul 1793
2	*4-6*	20 Apr 1792	10	*28-30*	25 Oct 1793
3	*7-9*	25 Mai 1792	11	*31-33*	Nov-Dec 1793
4	*10-12*	29 Jun 1792	12	*34-36*	Nov-Dec 1793
5	*13-15*	17 Aug 1792	13	*37-39*	1794
6	*16-18*	Sep-Dec 1792	14	*40-42*	1795
8	*22-24*	15 Mar 1793	16	*46-48*	post 16 Mai 1795

The first volume was to have contained 36 plates, but plates 37-48 (41/42 on one leaf) of the unfinished second volume are usually bound together with those of the first; title page and index of volume 2 not having been published.
The hand-coloured (except no. 41) plates are engravings of drawings by Hendrik Schwegman; they are listed, with the modern names, by Stearn (1940, repr. HU 728). Plate 8 is signed by Pieter van Loo. – Text in Latin, Dutch, French, and German.

Schnegg, Hans (1875-1950), German (Bavarian) mycologist and fermentation-physiologist; assistant at the Institute for plant physiology at München; Dr. phil. München 1901, as student of Karl Goebel; from 1913-1943 teacher at the agricultural and brewery college of Weihenstephan, also extra-ordinary professor at the Technical University of München. (*Schnegg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234 (b. 28 Jun 1875); Biol.-Dokum. 16: 8202; LS 24042, 38960-38961, suppl. 24796-24811; Stevenson p. 1257.

BIOFILE: Weinfurtner, F., Ber. deut. bot. Ges. 68a: 85-86. 1955 (obit.).

10.931a. *Beiträge zur Kenntniss der Gattung Gunnera.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Facultät der Kgl. Ludwig-Maximilians-Universität zu München vorgelegt von Hans Schnegg ... München (Druck von Val. Höfling, ...) 1901. Oct.
Publ.: 4 Dec 1901 (in journal 4 Dec 1901), p. [1]-52. *Copy*: M. – Reprinted and to be cited from Flora 90(1): 161-208. 4 Dec 1901.

10.932. *Unsere Giftpilze* und ihre essbaren Doppelgänger unter Einbeziehung der häufigeren ungeniessbaren Arten ... München (Verlag Natur und Kultur Dr. Frz. Jos. Völler) 1916. Oct. (*Giftpilze*).
Publ.: 1916, p. [1]-51, *16 pl.* (32 col. phot.). *Copy*: M.

10.933. *Die essbaren Pilze* und deren Bedeutung für unsere Volkswirtschaft und als Nahrungsmittel unter Berücksichtigung der giftigen Pilze und Pilzvergiftungen für das Volk dargestellt ... München (Verlag Natur und Kultur. Dr. F. Jos. Völler) 1916. Oct. (*Essb. Pilze*).
Publ.: 1916, p. [1]-88, *3 pl. Copy*: M.

Schneider, Albert (1863-1928), American botanist (lichenologist), bacteriologist, pharmacologist and criminologist; Dr. med. Chicago 1887; teacher and physician at Spencer Academy, Indian Territory 1889; M.S. Univ. Minnesota 1894; Dr. phil. Columbia University 1897; professor of botany, pharmacognosy and bacteriology, School of Pharmacy, Northwestern University, Evanston, 1897-1903; id. College of Pharmacy, San Francisco 1903-1913; professor of pharmacognosy and pharmacology at the Nebraska School of Pharmacy, Univ. Nebraska 1919-1921; dean and professor at the School of Pharmacy, North Pacific College, Oregon 1922-1928. (*A. Schneid.*).

HERBARIUM and TYPES: Some material at NY and UC. – *Letters* to W.G. Farlow at FH; further letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234 (b. 13 Apr 1863, d. 27 Oct 1928); Biol.-Dokum. 16: 8204; BL 1: 166, 317; BM 4: 1851; CSp 18: 556; GR p. 196, cat. p. 71; Hawksworth p. 185; IH (ed. 7): 342, 2: (files); Kelly p. 208; Lenley 361; LS 24044-24061, suppl. 24816-24818; NI 1785; Rehder 1: 234, 2: 4; SBC p. 131; Stevenson p. 1257; Tucker 1: 632.

BIOFILE: Anon., Amer. med. Sci. ed. 1: 281. 1906, ed. 2: 413. 1910; Bot. Centralbl. 71: 383. 1897 (app. Evanston), 73: 80. 1898 (app. Evanston); Bot. Monatschr. 15: 276. 1897 (app. Evanston); Bryologist 82: 512. 1979 (portr.); DAB 16: 445. 1935; Hedwigia 36: (149). 1897 (app. Evanston); Natl. Cycl. Amer. biogr. 13: 373-374. 1906; Nat. Nov. 19: 423. 1897 (app. Evanston), 25: 563. 1903 (app. San Francisco); Österr. bot. Z. 47: 375. 1897 (app. Evanston); Science ser. 2. 68: 450. 1928 (d.); Who's who Amer. 1899-1900: 638. 1901-1902: 998. 1903-1905: 1307, 4: 1572-1573. 1906-1907, 5: 1668. 1908-1909, 6: 1690. 1910-1911, 7: 1847. 1912-1913, 8: 2069. 1914-1915, 9: 2173. 1916-1917, 10: 2399, 1918-1919, 12: 2734, 1922-1923, 13: 2835, 1924-1925, 14: 1692. 1926-1927, 15: 1846-1847. 1928-1929; Who was who Amer. 1: 1089. 1968.
Brown, J.H., ed., Lamb's Biogr. dict. U.S. 6: 637. 1903.
Cattell, J.M., Amer. men sci. ed. 1: 281. 1906, ed. 2: 413. 1910.
Ewan, J. et al., Short hist. bot. U.S. 95. 1969.
F.G., Dict. Amer. Biogr. 8: 445. s.d.
Kneucker, A., Allg. bot. Z. 3: 168. 1897 (app. prof. bot. pharmacogn., mat. med. Northwestern Univ., Evanston).
Plitt, C.C., Bryologist 37: 5-8. 1934 (obit,. portr., bibl.).
Rickett, H.W., Index Bull. Torrey bot. Club 88. 1955.
Schneider, A., Bull. Torrey bot. Club 23: 439-448. 1896 (Reinke's discussions of lichenology).

10.934. *The biological status of lichens* ... Contributions from the Herbarium of Columbia College. – No. 76. 1895. Oct.
Publ.: 15 Mai 1895 (in journal), cover-t.p., p. [189]-198. *Copy*: US. – Reprinted and to be cited from Bull. Torrey bot. Club 22(5): [189]-198. 15 Mai 1895.

10.935. *Some special phylogenetic adaptations in Lichens.* – I. ... Contributions from the Herbarium of Columbia College. – No. 82. 1895. Oct.
Publ.: Dec 1895 (in journal), cover-t.p., p. 494-500. *Copy*: US. – Reprinted and to be cited from Bull. Torrey bot. Club 22(12): 494-500. Dec 1895.

10.936. *Reinke's discussions of lichenology* [*i*]-*v* ... Contributions from the Department of Botany of Columbia University. – No. 106. 1896. Oct.
Publ.: Nov 1896 (in journal), cover-t.p., p. [439]-448. *Copy*: US. – Reprinted and to be

cited from Bull. Torrey bot. Club 23(11): 439-448. Nov 1896 (nos. i-ii); continued ib. [iii:] 24(1): 32-37. Jan 1897, [iv-v:] 24(5): 237-243. Mai 1897.

10.937. *A text-book of general lichenology*, with descriptions and figures of the genera occurring in the northeastern United States ... Binghamton, N.Y. (Willard N. Clute & Company) 1897. Oct. (*Text-book lichenol.*).
Publ.: 1897 (p. viii: 31 Mai 1897; Hedwigia Nov-Dec 1897; J. Bot. Sep 1897; TBC 29 Jul 1897; Fern Bull. Jul 1897), p. [i]-xvii, [1]-230, *pl. 1-76* (uncol.). *Copies*: Almborn, B-S, FH, MICH(2), MO, NY, PH, Stevenson, USDA.
Ref.: Cummings, C.E., Bot. Gaz. 25: 284-286. 15 Apr 1898 (rev.).
Schrenk von (St. Louis), Bot. Centralbl. 76: 132-134. 19 Oct 1898 (rev.).

10.938. *A guide to the study of lichens* ... Boston (Bradlee Whidden) 1898. (*Guide study lich.*).
Ed. [*1*]: 1898 (p. x: Jan 1898; Bot. Gaz. 15 Oct 1898; Fern Bull. Oct 1898), p. [i]-xii, [xiii], 1-234, [235], *pl. 1-11* with text. *Copies*: Almborn, FH, H, NY, Stevenson.
Ed. 2: 1904 (p. [xi]: Aug 1903; Bot. Centralbl. 21 Mar 1905; NY rd Aug 1905; Hedwigia 13 Mar 1905; TBC 4 Oct 1904), p. [i-ii], frontisp., [iii]-xii, [xiii], 1-234, *pl. 1-11* with text and *pl. 1a-1d, 2-6* (photos). *Copies*: H, NY, Stevenson, USDA. – "Second edition". Boston (Knight and Millet) 1904.

Schneider, Camillo Karl (1876-1951), German (Saxonian) botanist (dendrologist); studied in Wien with Richard von Wettstein 1901-1909; general secretary and traveller for the Dendrologische Gesellschaft für Österreich-Ungarn; travelled in the Balkan Peninsula and the Caucasus 1907-1908; in Western China 1913-1914; with the Arnold Arboretum 1915-1919; from 1921 garden architect, horticultural journalist and author in Berlin. (*C.K. Schneid.*).

HERBARIUM and TYPES: W (European herb.), Chinese material at A, G, GH, H, K, P, PH, US, W. – Further European material at B (extant), BM, BP, G, K, PH. – Contributed specimens to C. Baenitz, *Herbarium dendrologicum*. – The manuscript, drawings, photographs and further material for his final *Berberis* monograph were destroyed 1-2 Mar 1943 at B. – Letters at G.

NOTE: Not to be confused with the Vienna zoologist and philosopher Karl Camillo Schneider, author of e.g. *Einführung in die Deszendenztheorie*, Jena 1906 (viii, 150 p., *2 pl.*).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 518; Barnhart 3: 234 (b. 7 Apr 1876, d. 5 Jan 1951); BFM 3017-3020, 3290; Biol.-Dokum. 16: 8206-8208; BL 2: 11, 715; BM 4: 1851, 8: 1157; Bossert p. 354; CSP 18: 557; DTS 6(4): 193; Futak-Domin p. 528; Hortus 3: 1203; IH 1 (ed. 7): 342; Langman p. 682-683; Lenley p. 361; LS 24062; MW p. 438-439 (bibl.), suppl. 309; NI 2: 321, 3: 60-61 (1725n, na); NW p. 57; Rehder 5: 774; TL-2/see F.X.R. von Höhnel; Tucker 1: 632-633, 3: 272-273; Urban-Berl. p. 393; Zander ed. 10, p. 712, ed. 11, p. 813.

BIOFILE: Anliker, J., Schweiz. Beitr. Dendrol. 3: 48-52. 1951 (obit., portr.).
Anon., Gard. Chron. 129: 32. 1951 (obit.); Österr. bot. Z. 68: 292. 1929 (returned to Vienna from N. America).
Janchen, E., Richard Wettstein 190. 1933 (student of Wettstein 1901-1909); Österr. bot. Z. 82: 190. 1933.
Kriechbaum, Garten-Zeitschrift Illustrierte Flora 74(3): 27-29. 1951 (obit., portr., details on his sad death in E. Berlin).
Stapf, O., Bull. misc. Inf. Kew 1919: 319-320. (on the Austrian botanical expedition to China by C. Schneider and H. Handel-Mazzetti).
Stearn, W.T., Gard. Chron. ser. 3. 129: 32. Jan 1951 (obit).
Steffen, A., Deut. Baumschule 3(3): 57-59. 1951 (obit., portr.).
Sutton, W.B., C.S. Sargent 255. 1970.
White, A. & B.L. Sloane, Stapelieae 137. 1937, ed. 2: 844. 1937.

COMPOSITE WORKS: *Unsere Freiland-Nadelhölzer*, various eds., and *Unsere Freiland-Stauden*, id., with Ernst Graf Silva Tarouca, q.v.

10.939. *Dendrologische Winterstudien.* Grundlegende Vorarbeiten für eine eingehende Beschreibung der Unterscheidungsmerkmale der in Mitteleuropa heimischen und angepflanzten sommergrünen Gehölze im blattlosen Zustande ... Jena (Verlag von Gustav Fischer) 1903. Oct. (*Dendrol. Winterstud.*).
Publ.: Apr-Mai 1903 (p. vi: 19 Feb 1903; ÖbZ for Apr-Mai 1903; Bot. Zeit. 1 Jun 1903; Nat. Nov. Jun(2) 1903), p. [i]-vi, [vii], [1]-290. *Copies*: B-G, B-S, BR, G, HH, MH-A, MO, NY, U, USDA.
Ref.: Büsgen, M., Bot. Zeit. 61: 232-233. 20 Jul 1903 (rev.).

10.940. *Illustriertes Handbuch der Laubholzkunde.* Charakteristik der in Mitteleuropa heimischen und im Freien angepflanzten angiospermen Gehölz-Arten und Formen mit Ausschluss der Bambuseen und Kakteen ... Jena (Verlag von Gustav Fischer) [1904] 1906-1912, 2 vols., Oct. (*Ill. Handb. Laubholzk.*).
1: 1 Jun 1904-1 Mai 1906, in 5 parts, p. [i*-iii*], [a]-d, [i]-iv, [1]-810. – Pages 1-160. 1 Jun 1904, 161-304. 1 Sep 1904, 305-448. 2 Feb 1905, 449-592. 15 Jun 1905, 593-810. 1 Mai 1906.
2: 15 Mar 1907-6 Jul 1912, in 7 parts, p. [i*-iii*], [i]-v, [1]-1070. – Pages 1-112. 15 Mar 1907, 113-240. 15 Mai 1907, 241-366. 20 Jan 1909, 367-496. 25 Aug 1909, 497-656. 5 Apr 1911, 657-816. 23 Sep 1911, 817-1070. 6 Jul 1912.
Register: 1912 (p. vii: 15 Mai 1912), p. [i]-vii, [1]-136.
Copies: B-G, BR, FI, G, HH, M, MH-A, MICH, MO, USDA (dated covers).

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	2	161-304	1 Sep 1904		8	241-366	20 Jun 1909
	3	305-448	2 Feb 1905		9	367-496	25 Aug 1909
	4	449-592	15 Jun 1905		10	497-655	5 Apr 1911
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5: 30 Apr 1905, p. [46]-61, journal pag.: 449-464.
7: 30 Jun 1905, p. [62]-77, journal pag.: 655-670.
8: 31 Jul 1905, p. [78]-90, journal pag.: 800-812.
9: 31 Aug 1905, p. [91]-109, journal pag.: 813-831.
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Publ: 31 Mar 1905, p. [1]-36. *Copy*: B. – Reprinted and to be cited from Bull. Herb. Boiss. ser. 2. 5(4): [325]-350. 1905.

10.943. *Illustriertes Handwörterbuch der Botanik* ... Leipzig (Verlag von Wilhelm Engelmann) 1905. Oct. (*Ill. Handw.-Buch Bot.*).
Collaborators: Franz Xaver Rudolf, Ritter von Hoehnel (1852-1920), Karl von Keissler (1872-1965), Victor Schiffner (1862-1944), Rudolph Wagner (1872-?), Alexander Zahlbruckner (1860-1938) and Otto Porsch (1875-1959).
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[1872-1934] Graz ..." Leipzig (id.) 1917. Oct. *Collaborators*: Ludwig Diels (1874-1945), Richard Falck (1873-1955), Hugo Glück (1868-1940), Karl von Keissler (1872-1965), Ernst Küster (1874-1953), Otto Porsch (1875-1959), Henry Potonié (1857-1913), Nils Svedelius (1873-1960), Georg Tischler (1878-1955), Rudolph Wagner (1872-?), Richard von Wettstein (1863-1931), Alexander Zahlbruckner (1860-1938).
Ref.: G.H., Hedwigia 60: (98)-(99). 1918. (rev. ed. 2).
Rendle, A.B., J. Bot. 43: 366-367. Dec 1905 (rev. ed. 1).

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10.944b. *Beiträge zur Kenntniss der Gattung Ulmus* ... Separatabdruck aus der Österreichischen botanischen Zeitschrift, ... 1916. Oct.
Publ.: Jan-Feb 1916, p. [21]-34. *Copy*: HH. – Reprinted and to be cited from Österr. bot. Z. 66: 21-34. 1916.
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Publ.: 1942 (rd AA 6 Jan 1943), p. [1]-60, *pl. 1-5*, map. *Copy*: HH. – reprinted and to be cited from Mitt. Deut. Dendrol. Ges. 55: 1-60. *pl. 1-5*. 1942.

Schneider, E.E. (*fl.* 1912), American wood expert in the Bureau of Forestry of the Philippine Islands. (*E.E. Schneid.*).

HERBARIUM and TYPES: A.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: (files).

BIOFILE: Merrill, E.D., Enum. Philipp. pl. 4: 226. 1926.

10.947. *Commercial woods of the Philippines*: their preparation and uses ... Manila (Bureau of Printing) 1916. Oct. (*Commerc. woods Philipp.*).
Publ.: 1916 (p. 5: 18 Jan 1916), p. [1]-274, *pl. 1-10. Copies*: MO, US.

Schneider, Ferdinand (1834-1882), Swiss botanist and pharmacist in Basel. (*Fe. Schneid.*).

HERBARIUM and TYPES: G. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 568, 715; BM 4: 1851; Jackson p. 344; Rehder 1: 436.

10.948. *Taschenbuch der Flora von Basel* und der angrenzenden Gebiete des Jura, des Schwarzwaldes und der Vogesen. Zum Gebrauche auf botanischen Excursionen ... Basel (H. Georg's Verlag) 1880. Oct. (*Taschenb. Fl. Basel*).
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Ref.: N.L., Bot. Zeit. 38: 752. 29 Oct 1980 (rev.).

Schneider, Georg (1888-x), German (Hessen-Nassau) botanist; studied in Göttingen and Münster; Dr. phil. Münster 1912. (*Geo. Schneid.* (*Hess.-Nass.*)).

HERBARIUM and TYPES: Unknown.

BIOFILE: Schneider, G., Plankt. westf. Talsperren [1, vita]. 1912 (b. 16 Sep 1888).

10.949. *Das Plankton der westfälischen Talsperren des Sauerlandes*. Inaugural-Dissertation zur Erlangung der Doktorwürde vorgelegt der Hohen philosophischen und naturwissenschaftlichen Fakultät der Westfälischen Wilhelms-Universität zu Münster i.W. von Georg Schneider aus Simmern (Hessen-Nassau). Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung ...) 1912. Oct. (*Plankt. westfäl. Talsperren*).
Publ.: 1912, p. [i-iii], [1]-98, [1, vita]. *Copy*: FH.

Schneider, George (1848-1917), French-born gardener; went to England 1870; from 1872 employee of Veitch & Sons, Chelsea. (*Geo. Schneid.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 235; Desmond p. 545.

BIOFILE: Anon., Gard. Chron. 61: 11. 1917 (obit.).
Gentil, L., Bull. Soc. franç. Hort. Londres 1896: 5-6. 1897.
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1: 1892 (Bot. Zeit. 7 Oct 1892; Nat. Nov. Mai(1, 2) 1892), p. [i-ii], frontisp., [iii]-vii, [viii], [1]-666. *38 pl.* (some col.).
2: 1-15 Jan 1893 (Nat. Nov. Jan(2) 1893; Bot. Zeit. 1 Mai 1893; Hedwigia Mar-Apr 1893; Bot. Centralbl. 15 Feb 1893), p. [i-ii], frontisp., [iii]-viii], [1]-621, *26 pl.*
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Schneider, Günther (1904-x, German (Berlin) pharmacist and botanist; Dr. phil. Berlin 1931. (*Gün. Schneid.*).

HERBARIUM and TYPES: Unknown.

10.951. *Über die Berücksichtigung des Saponins für die Pflanzensystematik* innerhalb der Ranunculaceentribus der Anemoneae. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin ... Berlin (Druck: Doktordruck-Graphisches Institut Paul Funk, ...) [1930]. Oct. (*Berücksicht. Sapon. Pfl.-Syst.*).
Publ.: Dec 1930, p. [1]-50, [51, vita]. *Copy*: B.

Schneider, Gustav (x-ca. 1908), German (Silesian) botanist; mining administrator in Cunnersdorf bei Hirschberg i. Schl., later in Kattowitz. (*Gus. Schneid.*).

HERBARIUM and TYPES: Material (mostly *Hieracium*) at GOET, HAL, W and WRSL. – Unpublished drawings: *Icones hieraciorum in Europa sponte crescentium*, ca. 110 pl. left by S. upon his death, offered for sale by T.O. Weigel (Herbarium 10: 81. 1909), see also H.Z. (1909). – The original *Hieracium* herbarium (2702 nos.) went to B in 1904 and is no longer extant. *Hieracia der Riesengebirges* were offered for sale, as exsiccatae, in 1885.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1851; CSP 18: 558; Futak-Domin p. 528-529; IH 2: (files); Tucker 1: 633; Urban-Berl. p. 393.

BIOFILE: H.Z., Allg. bot. Z. 15: 118. 1909 (note on *Icones Hieraciorum*).
Pax, F., Grundz. Pfl.-Verbr. Karp. 2: 19, 275. 1908; Schlesiens Pfl.-Welt 15. 1915; Bibl. Schles. Bot. 4, 8, 91, 102, 143, 145, 148. 1929 (bibl.).
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10.952. *Die Hieracien der Westsudeten.* Monographischer Beitrag zur Pflanzenkunde des Riesen- und Isergebirges ... Cunnersdorf (im Selbstverlage der [sic] Verfassers. – ...) 1889 [-1890], 2 Hefte. Oct. (*Hierac. Westsudeten*).
1: 1 Nov-15 Dec 1889 (cover p. 2: Nov 1889; Nat. Nov. Dec(2) 1889; Bot. Centralbl. 4 Jan 1890; ÖbZ for Mar 1890; J. Bot. Mar 1890; Bot. Zeit. 31 Jan 1890), p. [i*], [i]-iv, [1]-114, err. on p. 2 cover. – Reprinted from "Das Riesengebirge in Wort und Bild", see below.
2: Nov 1890 (for date see Nat. Nov. 13: 206. 1891; Bot. Zeit. 26 Dec 1890; Bot. Centralbl. 10 Dec 1890; ÖbZ for Nov 1890; Nat. Nov. Dec(2) 1890), p. [115]-162. – *Die Hieracien der Westsudeten* von Gustav Schneider ... ii. Heft. Die Piloselloiden (Zwischenformen). Hirschberg i. Schl. Commissions-Verlag von Aug. Heilig".
Copies: B, G, HH, M, NY, USDA.
Original publication in "Das Riesengebirge in Wort und Bild" (fide Futák-Domin) 8: 75-80, 110-114. 1888, 9: 18-24, 54-59, 83-100, 147-152. 1889, 10: 21-31, 69-71. 1890, 11(1, 2): 30-35, 11(3, 4): 21-28. 1891, 12: 23-25, 65-68. 1892, 13: 20-29. 1893, 14: 21-28, 65-69. 1894, 15: 17-21. 1895.
Preliminary publ.: *Ueber Hauptspecies und Zwischenformen innerhalb der Piloselloiden*, p. [1]-20, ex Bot. Monatschr. 5: 177-183. Dec 1887, 6: 17-30. Jan 1888; see also 6: 113-223, 161-175. 1888.

Schneider, Joseph [Josef] (*fl.* 1890), German (Bavarian) botanist and high school teacher at Traunstein, later at Passau. (*Jos. Schneid. Traunst.*).

HERBARIUM and TYPES: Unknown.

10.953. *Die Glacialerscheinungen in der Umgebung von Traunstein* ... Programm zum Jahresberichte der kgl. Realschule 1890/91 von Josef [sic] Schneider, kgl. Reallehrer ... Traunstein (Druck von A. Miller & Sohn) [1891]. Qu. (*Glacialersch. Traunst.*).
Publ.: 1891, p. [1]-39. *Copy*: M.

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1905 ed.: Jan-Mar 1905 (Nat. Nov. Apr(2) 1905; Bot. Centralbl. 11 Jul 1905), p. [i]-xv, [1]-81, *1 pl. Copy*: M. – Revised by Ludwig Blumschein, professor at the Realschule Traunstein, about whom nothing further is known to us.
1914 ed.: 1914, p. [i]-xv, [1]-81, *1 pl. Copy*: M. – "2. verbesserte Auflage".

Schneider, Josef (x-1885), Austrian botanist; assistant at the botanical museum and garden of the University of Wien. (*Jos. Schneid.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1852; Rehder 1: 242; Tucker 1: 633.

BIOFILE: Anon., Österr. bot. Z. 35: 371. 1885 (d.).

10.955. *Untersuchungen einiger Treibhölzer von der Insel Jan Mayen* gesammelt von F. Fischer, Arzt der Österreichischen Expedition auf Jan Mayen. Bearbeitet von Josef Schneider ... Wien (aus der Kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1886. Qu.
Publ.: 1886 (Bot. Monatschr. Nov-Dec 1886), p. [i], [1]-9. *Copies*: FI, G, M. – Reprinted from "Die internationale Polarforschung 1882-1883. Die österreichische Polarstation Jan Mayen" vol. 3, 7 b, p. 17-23. 1886.

Schneider, [Karl Friedrich] Robert (1798-1872), German (Silezian) high school teacher, botanist and geographer; studied natural sciences at Breslau Univ., travelled with H. v. Schubert 1824; teacher at Weissenfells until 1828; from then on at Bunzlau (Bezirk Liegnitz). (*Rob. Schneid.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 235; BM 4: 1852; Herder p 477; PR 8296, ed. 1: 9228; Rehder 1: 379, 532; Tucker 1: 633.

BIOFILE: Anon., Jahresber. schles. Ges. vaterl. Kultur 49: 341-344. 1872 (obit.).
Pax, F., Bibl. schles. Bot. 4, 28, 55. 1929.
Wimmer, F., Fl. Schlesien ed. 2. 2: 152. 1845.

NOTE: Schneider published in many fields, e.g. *Germania auf der Wacht.* Deutsche Lieder zu Schutz, Trutz [Trotz] und Sanglust in schwerer Zeit ..., Wittenberg 1862, but also *Deutsches Giftbuch*, oder die giftigen und gefährlichen Pflanzen, Thiere und Mineralien Deutschlands zur Lehre und Warnung. Stolp 1854.

10.956. *Flora von Bunzlau* oder die Pflanzen der Umgegend von Bunzlau nach Vorkommen, Häufigkeit, Standort und Blüthezeit mit Angabe aller schlesischen Pflanzen nach Vorkommen und Blüthezeit. Ein Hülfsmittel bei botanischen Exkursionen ... Breslau (bei Grass, Barth und Comp.). 1837. Duod. (*Fl. Bunzlau*).
Publ.: 23-29 Jul 1837 (p. iv: 9 Mai 1837); Hinrichs 23-29 Jul 1837), p. [i*-iv*], [i]-iv,

[1]-188, map. *Copies*: B, HH, NY. – Reissued and continued as *Verth. Verbr. schles. Pfl.* 1838, see below.

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Publ.: p. [1]-188 as Fl. Bunzlau, 1837, see above; remaining part 1838 (p. viii: 31 Oct 1837), p. [i]-viii, [1]-292, 2 charts, map. *Copies*: B, G, NY. – Alt. t.p.: *Beiträge zur schlesischen Pflanzenkunde* ... 1. Zur schlesichen Pflanzengeographie a. Zur Kunde der örtlichen Verhältnisse".

Schneider, [Eduard Karl] Ludwig [Pfeil], (1809-1889), German (Prussian) botanist, magistrate and liberal politician; studied law at the University of Berlin; "Auscultator" at the Magdeburger law-court 1834-1836; studied botany in Berlin with C.S. Kunth 1836-1840; local administrator at Erfurt 1840-1844; burgomaster of Schönebeck a.d. Elbe 1844-1856; member of the regional diet 1847, of the Prussian National Assembly 1848, of the House of representatives 1849; from 1856-1858 and 1860-1861 in Magdeburg; 1858-1860 in Switzerland; member of the House of representatives 1861-1866; in Berlin 1861-1869, in retirement in Zerbst 1871-1878 and Schönebeck 1879-1889. (*Ludw. Schneid.*).

HERBARIUM and TYPES: Unknown. - *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 234 (d. 9 Feb 1889); BFM 245; BM 4: 1852; CSP 18: 559; Jackson p. 53, 307; Morren ed. 10, p. 26; Rehder 5: 774.

BIOFILE: Anon., Leopoldina 25: 168. 1889 (d.).
Ascherson, P., Verh. bot. Ver. Brandenburg 31: xliii-l. 1890 (obit., bibl., b. 26 Jun 1809, d. Feb 1889).
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Ebeling, C.W., Jahresber. Abh. nat. Ver. Magdeburg 1888: 62-69. 1889 (obit., b. 26 Jun 1809).

COMPOSITE WORKS: *Uebersicht der Boden- und Vegetations-Verhältnisse des Magdeburger Florengebiets, in* Heyman Rosenthal, ed., Magdeburg. Festschrift für die Mittglieder ... der 57. Sammlung Deutscher Naturforscher und Aerzte, Magdeburg, 1884, p. 105-124. (*Copy*: UC, inf. R. Schmid).

10.958. *Wanderungen durch die Florengebiete Zerbst, Möckern*, Burg, Burgstall, Calvörde, Wolmiistedt, Barby und Bernburg während des Sommers 1872 ... Magdeburg (Commissionsverlag der Creutz'schen Buch- und Musikalienhandlung (Kretschmann & Kottzsch)) 1873. Oct.
Publ.: 1873, p. [1]-12. *Copy*: U. – Reprinted and to be cited from Abh. naturw. Ver. Magdeburg 4: 1-12. 1873. – The t.p. of the reprint at U mentions also two contributions by "Dr. Schreiber" "Der Untergrund der Stadt Magdeburg", and "Die Thätigkeit des Magdeburgischen Botanischen Vereins". The texts, however, are not included in the copy at U. The cover has only the title of Schneider's paper. The journal issue has these texts on p. 13-39, *pl. 1-4* (B-S).
Previous "*Wanderungen*": Verh. bot. Ver. Brandenburg 10: 39-100. 1868, 11: 1-66. 1869. "Ein Beitrag zur Phytostatistik".
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10.959. *Flora von Magdeburg* mit Einschluss der Florengebiete von Bernburg und Zerbst, nebst einem Abriss der allgemeinen Botanik als einleitenden Theil ... Berlin (Verlag von Julius Springer) 1874-1877, 2 vols. (*Fl. Magdeburg*).
1 (*Allgemeine Botanik*): 1874 (p. vii: 7 Feb 1874; Bot. Zeit. 15 Mai 1874; Flora 1 Jun

1874), p. [i]-xvi, [1]-328. – Alt. t.p.: "*Grundzüge der allgemeinen Botanik*, nebst einer Uebersicht der wichtigsten Pflanzen-Familien.".

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10.960. *Nachtrag zu L. Schneider's Flora von Magdeburg.* Dem Naturwissenschaftlichen Verein in Magdeburg zur Feier seines fünfundzwanzigjährigen Stiftungsfesten mit herzlichsten Glückwünschen dargeboten vom Aller-Verein. Magdeburg (Faber'sche Buchdruckerei A. & R. Faber) 1894. Oct. (*Nachtr. Fl. Magdeburg*).

Senior author: Paul Friedrich August Ascherson (1834-1913); for collaborator's see p. 54 and 57-73.

Publ.: 1894 (imprint on t.p. preprint/reprint: 1894; Nat. Nov. Nov(2) 1894; München copy signed by author 4 Aug 1895), p. [47, t.p. with imprint]-216. *Copy*: M. – Preprinted or reprinted from "Festschrift zur Feier des 25-jährigen Bestehens des naturwissenschaftlichen Vereins zu Magdeburg, Magdeburg (id.) 1894, p. [47]-216. *Copies* taken from Festschrift without Magdeburg imprint on p. [47]: B, LD. – "Vorbemerkung" by P. Ascherson on p. [49]-55, from which it is clear that Ascherson himself is the senior author of this Nachtrag with acknowledgement to 16 local botanists, of whom Gustav Maas took care of the final editing. A copy of the entire Festschrift is at LC.

Nachtrag zum "Nachtrag zur Schneider'schen Flora von Magdeburg" by J. Feld, Bot. Monatschrift 17: 39-40. Feb-Mar 1899.

Schneider, Oskar (1841-1903), German (Saxonian) naturalist, traveller and teacher; Dr. phil. Leipzig 1866; studied at Leipzig 1860-1864; private teacher at Salzburg 1864-1866; teacher at the "Böttger'schen Institut", Dresden 1866-1867; private teacher in Egypt 1867-1869; teacher at the Freemason Institute, Dresden 1869-1872; teacher with the title professor at the Annen-Realgymnasium Dresden 1872-1893. (*O. Schneid.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 235 (b. 18 Apr 1841, d. 8 Sep 1903); Biol.-Dokum. 16: 8221-8222; BL 1: 32, 317; BM 4: 1852-1853; CSP 8: 876, 11: 332, 18: 559-560; KR p. 626; Rehder 1: 488; TL-2/see A. Grunow; Tucker 1: 633.

BIOFILE: A.C., Revue russe Entom. 3(1): 345. 1903 (d.).

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10.961. *Naturwissenschaftliche Beiträge zur Kenntniss der Kaukasusländer*, auf Grund seiner Sammelbeute herausgegeben von Dr. Oscar Schneider ... Dresden (Im Verlage der Burdach'schen Hofbuchhandlung) 1878). Oct. (*Naturw. Beitr. Kaukasusländ.*).

Publ.: 1878, p. [1]-160, *pl. 1-5*. *Copy*: BR. – On p. 98-112: A. Grunow (q.v.), *Algen und Diatomaceen aus dem Kaspischen Meere* (chapter ix; only botanical paper).

Schneider, Wilhelm Gottlieb (1814-1889), German (Silesian) mycologist and entomologist; Dr. phil. Breslau 1843; private scientist dedicating himself to entomology from 1843 and to mycology from 1864. (*W.G. Schneid.*).
HERBARIUM and TYPES: WRSL. – *Exsiccatae*: *Herbarium schlesischer Pilze*, fasc. 1-19, 1865-1887 (see LS 24073), sets at B (1-17, extant), FH (1-2), GOET (1-19), HAL (1-18), WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 235 (b. 28 Mai 1814, d. 8 Jan 1889); BM 4: 1853; Bossert p. 354; CSP 5: 516, 8: 876-877, 18: 560; LS 24071-24090, 24307; Morren ed, 2, p. 6; Stevenson p. 1257; Urban-Berl. p. 281.

BIOFILE: Anon., Österr. bot. Z. 16: 68. 1866 (issue Herb. schles. Pilze).
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Pax, F., Bibl. schles. Bot. 35, 61, 103, 120, 129, 198. 1929 (bibl.).
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Wagenitz, G., Index coll. princ. herb. Gott. 149. 1982.

THESIS: *Monographia generis Raphidiae Linnaei*, Breslau 1843 (zoological).

Schnekker, Johannes Daniel (1794-?), German (Hanoverian) physician and botanist; Dr. med. Giessen 1777. (*Schnekker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1853; Dryander 3: 217; Herder p. 477; PR 8297 (b. 26 Nov 1749), ed. 1: 9229; Rehder 1: 251.

10.962. *Dissertatio* inauguralis medico-botanica *ideam generalem ordinis plantarum verticillatarum sistens*. Quam gratiosi medicorum ordinis consensu pro gradu doctoris summisque in medicina honoribus et privilegiis rite consequendis in Alma ludoviciana d. [ ] mart. mdcclxxvii. Publice defendet auctor Johannes Daniel Schnekker goslariensis. Giessae [Giessen] (literis Joan. Jacob. Braunii ...) [1777]. Qu. (*Diss. ideam pl. verticill.*).
Publ.: Mar 1777, p. [1]-32. *Copies*: B-S, G.

Schnetzler, Johann Balthasar (1823-1896), Swiss (Schaffhausen) botanist; studied at the Stuttgart Polytechnic; high school teacher for French at the Gymnasium of Schaffhausen 1844-1847; id. for natural sciences at the Collège de Vevey, nr Lausanne 1847-1869; professor of botany at the Academy, later University of Lausanne 1869-1891. (*Schnetzl.*).

HERBARIUM and TYPES: LAU(?). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 621; Barnhart 3: 235 (b. 3 Nov 1823, d. 29 Jun 1896); Bossert p. 354; De Toni 1: cxiii; Jackson p. 52; LS 24094-24115; Morren ed. 10, p. 110; Rehder 5: 774; SBC p. 131.

BIOFILE: Anon., Bot. Centralbl. 48: 271. 1891 (retirement); Bot. Jahrb. 15 (Beibl. 33): 9. 1892 (retirement for health reasons); Bryologist 80: 517. 1977 (moss herb. at LAU?).
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Schnittspahn, Georg Friedrich (1810-1865), German (Hessen) botanist; botany teacher at Kranichstein 1831-1838; inspector of the Darmstadt botanical garden 1836,

"Oberleiter" from 1841, director 1855; teacher at the technical school from 1841; "Hofgartendirector" from 1849. (*Schnittsp.*).

HERBARIUM and TYPES: The original herbarium of Schnittspahn was among the collections of the Darmstadt Polytechnic which were destroyed in World War II (Diepler 1970). Other material is at FR, M and W (Orch.). – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 236 (b. 3 Jan 1810, d. 22 Dec 1865); Biol.-Dokum. 16: 8230; BM 4: 1853; DTS 1: 268; Herder p. 393; Hortus 3: 1203; Langman p. 683; PR 8300, ed. 1: 9231; Rehder 1: 380; Tucker 1: 633, 3: 273; Zander ed. 10, p. 712-713, ed. 11, p. 813.

BIOFILE: Alefeld, F., Kulturpflanze 12: 91. 1964.
Anon., Bonplandia 1: 84, 145, 166. 1853; Flora 42: 158. 1859 (decoration), 49: 95. 1866 (d. 24 Dec 1865, b. 3 Jan 1810); J. Bot. 4: 93. 1866 (d.); Bot. Zeit. 13: 615. 1855 (app. director bot. gard.); Gartenflora 15: 94. 1866 (d.); Österr. bot. W. 5: 319 1855 (director bot. gard. Darmstadt); Öster. bot. Z. 16: 91. 1866 (22 Dec 1865, 56 yrs old).
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EPONYMY: *Schnittspahnia* C.H. Schultz-Bip. (1842). *Note*: *Schnittspahnia* H.G.L. Reichenbach (1841) probably also honors this author, but no etymology was given.

10.963. *Flora der phanerogamischen Gewächse des Grossherzogthums Hessen.* Ein Taschenbuch für botanische Exkursionen ... Darmstadt (Verlag von Johann Philipp Diehl) 1839. Duod. (*Fl. phan. Gew. Hessen*).
Ed. [*1*]: 1839 (p. iv: Oct 1839; Flora 28 Apr 1840 "1.-3. Heft" sic)), p. [i]-lxviii, [1]-304, [1-2, err.], map. *Copies*: B-S, HH, NY.
Ed. 2: 18 Aug 1846 (p. v: Jun 1846; Hinrichs), p. [i]-lxxii, [1]-328. *Copy*: NY. – Zweite Auflage. Darmstadt (id.) 1846. Duod.
Ed. 3: 1853 (p. vi: Oct 1853; rev. BSbF post 23 Jul 1854), p. [i]-lxxv, [1]-360, [1-2]. *Copies*: B, HH, NY. – Dritte Auflage. Darmstadt (id.) 1853. Duod.
Ed. 4: 1865 (Flora 22 Jul 1865), p. [i]-cx, [1]-439, [441-444, err.]. *Copies*: HH, PH. –*Flora der Gefässe-Pflanzen des Grossherzogthums Hessen* und der angrenzenden Gebiete ... vierte Auflage. Darmstadt (Verlag von Johann Philipp Diehle) 1865. Duod.

Schnizlein, Adalbert [Carl Friedrich Hellwig Conrad] (1814-1868), German (Bavarian) botanist and pharmacist; studied at the University of München; Dr. phil. Erlangen 1836; spent training years in Genève (1837), Speyer (1838), Mainbernheim (1839-1840); continued his botanical studies in München 1841-1842; pharmacist in Erlangen 1843; habil. Erlangen 1845; from 1850-1868 professor of botany and director of the botanical garden. (*Schnizl.*).

HERBARIUM and TYPES: ER. – For further notes see below under W. Schnizlein. – *Letters* to D.F.L. von Schlechtendal at HAL. – A manuscript *Vorlesungen über allgemeine Botanik*, 1847, at M.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 177-179 (E. Wunschman); AG 1: 274-275; Backer p. 660; Barnhart 3: 236 (b. 15 Apr 1814, d. 24 Oct 1868); Biol.-Dokum. 16: 8230-8231; BM 2: 620, 4: 1853; Bossert p. 354; CSP 5: 517-518, 8: 877-878; De Toni 2: cv; DTS 1: 268; Frank 3 (Anh.): p. 91-92; GR p. 134-135; Hegi 5(2): 1299; Herder p.

477 [index]; Hortus 3: 1203; Jackson p. 118, 426; Kelly p. 208; Langman p. 683; LS 24117-24121; MW p. 439; NI 1441, 1787, 2248, 1: 217, 3: 61; PR 663, 664, 5902, 8301-8310, 9027, ed. 1: 9232-9235, 9982; Rehder 5: 775; TL-1/919, 1275, see K.P.J. Sprengel; TL-2/452, 6704; Urban-Berl. p. 393; Zander ed. 10, p. 713, ed. 11, p. 813.

BIOFILE: A.B., Neu. Repert. Pharmac. 18: 60-63. 1869 (obit.).

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Thomasius, G., Rede am Grabe des Herrn A. Schnizlein (n.v.).

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COMPOSITE WORKS: (1) Contributed fasc. 25, 28, 31 (nos. 481-500, 541-560, 601-620), to Th. Nees, *Gen. fl. Germ.* 1835-1860. TL-2/6704. – *Reviews* and notes: D.F.L. von Schlechtendal, Bot. Zeit. 9: 294. 11 Apr 1851 (fasc. 25), 12: 404-405, 9 Jun, 658-659. 15 Sep 1854 (fasc. 28).

(2) *Die Pilze Deutschlands*, *in* J. Sturm, *Deutschl. Fl.* 3, Hefte 31/32, 1-48, *pl. 1-24.* 1851. *Reviews*: A.E. Fürnrohr, Flora 35: 172-173. 21 Mar 1852; D.F.L. von Schlechtendal, Bot. Zeit. 10: 593-595. 20 Aug 1852.

(3) With J.W. Sturm, q.v., senior author, *Verz. Pfl. Nürnberg* 1847, ed. 2. 1860.

(4) *Lacistemaceae*, Fl. bras. 4(1): 277-288, *pl. 77-80.* 28 Feb 1857 (fasc. 20).

10.964. *Iconographia familiarum naturalium regni vegetabilis* delineata atque adjectis familiarum characteribus adnotationibusque variis tum scientiam tum usum spectantibus exornata ... Abbildungen der natürlichen Familien des Gewächsreiches gezeichnet und mit den Charakteren der Familien, sowie verschiedenen wissenschaftlichen und praktischen Anmerkungen begleitet ... Bonn (von Max Cohen & Sohn) 1843-1870. 4 vols. Qu. (*Iconogr. fam. regn. veg.*).

Publ.: 277 plates or sets of plates (in all 398 (possibly 397 or 399) accompanying text, the numbers corresponding to the numbers 1-277 of Endlicher's system. The plates and text were issued in 20 "Hefte" without regard to final arrangment; the text pages not

numbered. Many of the plates are assigned new numbers in the indexes. Contents and dates of Hefte very incompletely known (but see the reviews of 1-14, cited below, by D.F.L.von Schlechtendal). The first Heft, 20 plates and 20 text sheets, appeared 3-4 Apr 1843 (Hinrichs), the final Heft (by A.W. Eichler) no. 20, came out Jun 1870. The plates are coloured lithographs of drawings by the author, partly in collaboration with A. Braun.

All copies seen by us have different sets of introductory material. Below we list the composition of the copy at US which seems to be the most complete. Information on the contents and dates of the "Hefte" is still lacking. *Copies*: B, G, H, HH, NY, PH, U, US, USDA.

The book was completed after S.'s death by A.W. Eichler who signed the preface material issued in 1870 "München, im Mai 1870" (p. vi).

Preface matter 1: (a) matter issued 1843: General t.p. (p.p. Gothic lettering) 1843 [i], Abbrev. [ii], Vorwort dated Dec 1842 [iii-iv], errata dated Dec 1842 [v].

(b) matter issued 1846 [1849?] with vol. 1 only: t.p. Band 1 (id.), 1843-1846 [i], Abbrev. [ii], Schlusswort and errata dated Nov 1849 [iii-iv], Register Pflanzennamen p. [1-5].

(c) matter issued 1870: t.p. 1843-1846 (all Roman lettering) [i], Vorwort [iii]-vi, dated Mai 1870, by A.W. Eichler; Register [1]-6, Verzeichniss Tafeln [7].

2: t.p. 1843-1870 [i]; Register [1]-7; Verzeichniss Tafeln [8-9].

3: t.p. 1843-1870 [1]; Register [3]-6; Verzeichniss Tafeln [7].

4: t.p. 1843-1870 [i]; Register [1]-4; Verzeichniss Tafeln [5].

Plates 1 (Ordines 1-75. Cryptogamae et monocotyledonae), 1843-1846. *pl. 1-7, tabl. suppl. i, 8-25, 26a, b, 27-35, tabl. suppl. ii, 36-41, 41a, tabl. iii, 42, 42a-c, 43, 43a, 44-47, 47*, 48-51, 51a-c, 52-55, 55b-d, 56, 56a-b, 57, 57suppl., 58-64, 64-i, 65-66, 66a, 67-72, 72a, aa, b, bb, 73-74, 74a, 75, 75a-b* (numbers as given in index; numbers on plates may differ but changes indicated in index).

Plates 2 (Ordines 76-161**. (Cupressineae-Galacineae). Gymnospermae, Dicotyleae apetalae et gamopetalae), 1843-1870. *pl. 76-77, 77a, 78-94, 94*, 94**, 95-96, 96*-96***, 97-99, 99*, 100-108, 108*-108*****, 109, 109*, 110-112, 112*, 113, 113a, 114-117, 117*, 118-120, 120a-c, 121-123, 123*, 124-126, 126*, 127a-c, 128-129, 129a, 130-133, 133a, 134, 134a, [135 sub 131], 136-137, 137**, 138-142, 142*, 143-144, 144*-144****, 145-148, 148*-148**, 149, 149a, 150, 150a, 151, 151*-151**, 152, 152*, 152b, 153-157, 157a, 158-159, 159*-159***, 159², 160-161, 161a-d, 161** [161*].*

Plates 3 (Ordines 162-228*. (Umbelliferae-Coriarieae). Dicotyleae dialypelae, pars prima). *pl. 162, 162a, 163-169, 169*-169**, 170, 170a, 170*-170**, 171-172, 172a, 172*-172**, 173-174, 174*, 175-178, 178a-b, 179, 179a, 180, 180², 181, 181a-b, 182-185, 185*, 186-189, 189*, 190-195, 195a, 196-204, 204a, 205, 206*, 270a-b, 208, 208*, 209-210, 210a, 211-213, 213**, 214, 214*-214**, 215-216, 216*, 217-223, 223*, 223a, 224-228, 228*.*

Plates 4 (Ordines 229-277. (Erythroxyleae-Mimoseae). Dicotyleae dialypetalae, pars secunda) 1843-1870 *pl. 229-230, 230*-230**, 231-233, 233*-233**, 235-238, 238*-238**, 239-240, 240**, 241, 241*, 242-243, 243a, 244-253, 253*-253**, 254, 254a, 255-263, 263*, 264-266, 266*, 267-268, 268*, 269, 269-i, 269-v, 269+, 270-272, 272b-d, 273-275, 275a-b, 275*, 276-277.*

Reviews by D.F.L. von Schlechtendal in Bot. Zeit. 1: 453-456. 1843 (Heft 1, 20 pl.), 2: 380-381. 1844 (Heft 2), 3: 500-502. 1845 (Heft 3), 4: 330-331. 1846 (Heft 4), 7: 905-906. 1849 (Heft 5, 6), 9: 294-296. 1851 (Heft 7), 12: 723-725. 1854 (Heft 8, 9), 13: 758-759. 1855 (Heft 10), 14: 863-865. 1856 (Heft 11) (all reviews cite contents). The 20th and final Heft is announced in Bot. Zeit. 28: 392. 1870, to be published in Jun 1870.

10.965. *Die natuerliche Pflanzen-Familie der Typhaceen* mit besonderer Ruecksicht auf die deutschen Arten ... Noerdlingen (Druck und Verlag der C.H. Beck'schen Buchhandlung) 1845. Qu. (*Nat. Pfl.-Fam. Typhac.*).

Commercial ed.: 21-23 Jul 1845 (Hinrichs 21-23 Jul 1845; Flora 28 Oct 1845; Bot. Zeit. 14 Nov 1845; Beck 21-23 Jul 1845), p. [1]-28, *2 pl.* (uncol.), [1-2, expl. pl., err.]. *Copies*: B, B-S, FI, G, HH, MO, NY, U, USDA, WU.

Habilitationsschrift issue: probably issued at about the same time as the commercial edition, p. [1]-28, [1, expl. pl.; 2, err.], *2 pl.* (uncol.). *Copies*: Crerar Library, LC, NSUB,. – *Dissertatio botanica de Typhacearum* familia naturali. Pro impetranda legendi facultate

scripsit et in Aula Almae Friederico-Alexandrinae publice defendet ... Nerolingae [Noerdlingen] (Typis C.H. Beckii) 1845. Qu. (*Diss. bot. Typhac.*).
Ref.: Fürnrohr, A.E., Flora 28: 666-671. 14 Nov 1845.

10.966. *Die Flora von Bayern* nebst den angrenzenden Gegenden von Hessen, Thüringen, Böhmen, Oestreich und Tyrol sowie von ganz Würtemberg und Baden. Ein Entwurf des Inhaltes mit übersichtlicher Anordnung der unterscheidenden Merkmale aller Blüthenpflanzen, welche in diesen Ländern wild wachsen und auch zum Nutzen oder Vergnügen allgemeiner gepflanzt werden; ... Erlangen (Verlag von Carl Heyder) 1847. Oct. (*Fl. Bayern*).
Publ.: 1847 (p. xiv: Nov 1846; Flora rd Apr-Mai 1847, 21 Jun 1847), p. [i]-cvi, [1]-373 ["733"], [374, err.]. *Copies*: B, FI, G, HH, M, MO, NY, USDA.
Ref.: Anon., Bonplandia 10: 212. 1862 (mentions a re-issue [or different ed.?] issued Frankfurt, Heyder & Zimmer [1862], which has not been traced by us).
Fürnrohr, A.E., Flora 31(1): 198-204. 28 Mar 1848 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 6: 34-36. 14 Jan 1848 (rev.).

10.967. *Die Vegetations-Verhältnisse der Jura- und Keuperformation* in den Flussgebieten der Wörnitz und Altmühl ... geschildert von Dr. Adalbert Schnizlein in Erlangen und Albert Frickhinger in Nördlingen. Unter Mitwerkung von G. Ad. Hauser für Dinkelsbühl. Nördlingen (Druck und Verlag der C.H. Beck'schen Buchhandlung) 1848. Oct. (*Veg.-Verh. Jura- Keuperform.*).
Authorship: junior author, Christian Albrecht Frickhinger (1818-1907; pharmacist in Nördlingen), collaborator G. Adam Hauser (*fl.* 1848-1865, teacher in Nördlingen).
Publ.: Jul 1848 (p. vi: 1 Mai 1848; Flora "eben ... erschienen" 14 Aug 1848, rd. Jul-Aug, Flora 21 Aug 1848), p. [i]-viii, [1]-344, map. *Copies*: BR, G, M, NY, USDA.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 7: 216-219. 23 Mar, 525-527. 20 Jul 1849 (rev. and polemics).
Anon., Flora 31: 495-496, 512. 1848, 32: 335-336. 1849.

10.968. *Die Farnpflanzen* der Gewächshäuser, Eine Anleitung zur systematischen Bestimmung der vorzüglichsten ausländischen Arten dieser Familie für Gartenbesitzer und Gärtner bearbeitet ... Erlangen (Verlag von J.J. Palm und Ernst Enke. (Adolphe Enke)) 1854. Oct. (*Farnpflanzen*).
Publ.: 1854 (p. [4]: 10 Mai 1854; BSbF post 10 Nov 1854), p. [1]-37, [38, abbr.]. *Copies*: BR, NY. – Reprinted in part from E. Berger, *Bestimm. Gartenpfl.* 1853-1855, TL-2/452.

10.969. *Kurze Beschreibung des Botanischen Gartens der k. Universität Erlangen* ... Erlangen (Druck der A.E. Junge'schen Universitätsbuchdruckerei) 1857. Oct. (*Beschr. Bot. Gart. Erlangen*).
Publ.: 1857 (ÖbZ 1 Feb 1858; Bot. Zeit. 27 Nov 1858; Flora 14 Nov 1857), p. [i], [1]-17. *Copies*: G, H.
Ref.: Anon., Flora 41: 62-64. 1858 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 15: 837-838. 27 Nov 1857 (rev.).

10.970. *Analysen zu den natürlichen Ordnungen der Gewächse* und deren sämmtlichen Familien in Europa. I. Phanerogamen, in einem Atlas von 70 Tafeln mit 2500 Figuren erläutert ... Erlangen (Verlag von J.J. Palm und Ernst Enke. (Adolphe Enke)) [1856-] 1858. Qu. with Fol. atlas. †. (*Anal. nat. Ordn. Gew.*).
Orig. ed.: 1856-1858 (in fascicles of 7 pl.; 70 pl. publ. by 13 Aug 1858). Text: [1]-60, Atlas [i], *pl. 1-70* (uncol. liths.) [iii, "Verbesserungen"]. *Copies*: B, BR, G, H, HH, M, PH, USDA. – A selection of the plates from the *Iconogr. fam. regn. veg.* 1843-1870, see above.
Neue Ausgabe: 1863-1864 (Lief. 1, 1863, Flora 11 Sep 1863). Text: [1]-60, Atlas [i], *pl. 1-70* (id.). *Copies*: G, HH, L, MO, (atlas 1858), NY. – *Analysen* ... Europa. Eine Illustration zu jedem botanischen Werke und ein Hilfsmittel zur genaueren Erkenntniss und Unterscheidung der Pflanzenfamilien für Lehrer und Studirende der Naturwissenschaften, höhere Lehranstalten, Aerzte, Apotheker, Forstkundige, Landgutbesitzer, Gärtner und Freunde der Botanik. Phanerogamen, in einem Atlas von 70 Tafeln mit 2500 Figuren erläutert ... Neue Ausgabe. Erlangen (id.) s.d.

Ref.: Anon., Bonplandia 6: 357-358. 1858 (rev.).
Fürnrohr, A.E., Flora 41: 776-779. 28 Dec 1885 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 16: 245. 13 Aug 1858 (rev.).
Schnizlein, J., Flora 53: 64. 1870 (a few copies were coloured; some still available).

10.971. *Das Ranenholz*, mikroskopisch untersucht und mit Holzarten der jetzigen Flora verglichen; ... [Erlangen 1859]. Oct.
Publ.: 1859, p. [1]-10, *1 pl. Copy*: M. – Reprinted and to be cited from Wiss. Mitt. phys.-med. Soc. Erlangen 1: 189-198. 1859.

10.972. *Uebersichten zum Studium der systematischen* und angewandten, besonders der medizinisch-pharmazeutischen *Botanik*. Zum Gebrauche bei Vorlesungen und Repetitionen zusammengestellt ... Erlangen (Verlag von J.J. Palm und Ernst Enke (Adolph Enke)) 1860. Oct. (*Uebers. syst. Bot.*).
Publ.: 1860 (p. viii: 4 Jan 1860; Bot. Zeit. 27 Apr 1860; Flora 7 Jun 1860), p. [i]-xvi, [1]-96. *Copies*: G, M, NY.
Ref.: Anon., Bull. Soc. bot. France 7: 58-60. post Jun 1860 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 18: 156. 27 Apr 1860 (rev.).
Sr., Österr. bot. Z. 10: 205-207. 1 Jun 1860 (rev.).

10.973. *Botanische Beobachtungen* ... (Besonders abgedruckt aus dem II. Bde der Abhandlungen der naturhistorischen Gesellschaft zu Nürnberg) [1861]. Oct.
Publ.: 1861, p. [1]-15. *Copy*: M. – Reprinted and to be cited from Abh. naturh. Ges. Nürnberg 2: 38-52. 1861.

10.974. *Auswahl von fremden Pflanzen* welche in Gärten und Gewächshäusern für wissenschaftliche Zwecke von Allem vorhanden sein sollen, oder aus bestimmten Gründen der Pflege werth sind ... Erlangen (Druck von C.H. Kunstmann) 1865. Oct.
Publ.: 1865-1866, p. [i], [1]-35. *Copies*: H, M. – Reprinted and to be cited from Gartenflora 14: 62-63, 85-89, 114-118, 216-218, 307-309. 1865, 35: 118-120, 149-151, 179-181, 214-216, 248-251, 274-278. 1866.

10.975. *Die Vegetations-Verhältnisse des Keuper- und bunten Sandsteins* so wie des Muschelkalkes in den drei fränkischen Kreisen ... München 1865. (*Veg.-Verh. Keuper-Sandst.*).
Publ.: 1865, p. [1]-42. *Copies*: B, M. – Reprinted and to be cited from *Bavaria*, Geognostische Beschreibung des Königreichs Bayern, Gotha, 4: [78]-118. 1865. – *Vegetationsverhältnisse von Oberfranken in* 3(1): [98]-125. 1865, *Der Pflanzenwuchs Mittelfrankens* in 3(1): [825]-846. 1865.

10.976. *Flore exotique* qu'il convient de cultiver dans les serres d'un jardin botanique par M. Adalbert Schnizlein, ... édition française publiée par M. Édouard Morren, ... Extrait du Bulletin de la Fédération des Sociétés d'horticultures de Belgique, 1866, p. 333. Gand [Gent] (Imprimerie C. Annoot-Braeckman ...) 1867. Oct. (*Fl. exot.*).
Publ.: 1867 (Flora 23 Nov 1868, 3 Mar 1870; Bot. Zeit. 4 Nov 1870), p. [1]-139. *Copies*: B, FI, NY and BR (80 p.). – Reprinted and to be cited from Bull. Féd. Soc. hortic. Belgique 1866: 333-471. 1867.

10.977. *Botanik, als Gegenstand der allgemeinen Bildung*. Eine kurze Anleitung zur verständigen Betrachtung der Pflanzenwelt im Ganzen, und zur Kenntniss der wichtigsten Familien und Einzelformen. Naturfreunden und der Frauenwelt gewidmet ... Erlangen (Verlag von Eduard Besold) 1868. Oct. (*Botanik*).
Publ.: 1868 (Flora 16 Apr 1869; Flora 21 Jan 1869), p. [i-ii], 1-134, *4 pl. Copy*: Crerar Libr.

Schnizlein, [Karl Friedrich Christoph] Wilhelm (1780-1856), German (Bavarian) botanist and magistrate; lived some time (ca. 1806) in Austria, later "Landgerichtsarzt" (law court physician) at Monheim and Erlangen; associate of E.G. von Steudel through the Esslinger Reiseverein; father of Adalbert Schnizlein. (*W. Schnizl.*).

HERBARIUM and TYPES: ER (via his son, q.v.; the herbarium numbered some 18.000

species); duplicates at B (mainly destr.), BR, GJO, KIEL, M, MW, OXF, REG. These collections are often attributed to A. Schnizlein, who, however, never lived in Austria. W. Schnizlein contributed to the collections distributed by the Esslinger Reiseverein.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 16: 8230; BM 4: 1853; Clokie p. 240 (under A. Schnizlein); CP 5: 517; PR 8311.

BIOFILE: Anon., Bot. Zeit. 14: 192. 1856 (d.; leaves herb. of 18.000 sp.); Flora 39: 175. 1856 (d. 9 Feb 1856, father of A. Schnizlein).
Schnizlein, W., Flora 12: 113-118. 28 Feb 1829 (Ueber die neueste Ecklon'sche Sendung getrockneter Kappflanzen, und über die Leistungen des naturhistorischen Reisevereins zu Esslingen).
Zuchold, W., Jahresber. nat. Ver. Halle 5: 51. 1853.

NOTE: Schnizlein published *Über die neueste Ecklon'sche Sendung* getrockneter Cap-Pflanzen, und über die Leistungen des naturhistorischen Reisevereins zu Esslingen, Flora 12: 113-118. 1829 and contributed *Schoenus* to J.C. Sturm, Deutschl. Fl.

10.978. *De Sedo acri* Linn. Dissertatio quam ex auctoritate gratiosi ordinis medici pro gradu doctoris medicinae atque chirurgiae legitime obtinendo publicae eruditorum disquisitioni submissit Carolus Fridericus Christophorus Guilelmus Schnizlein Ansbachensis. Die [in mss.: v^{ta}] Maii [deleted in mss., followed by "Junii"]. Erlangae (ex officina Hilpertiana) 1804. (*De Sedo acri*).
Publ.: 5 Jun 1804, p. [1]-44, [45, err.]. *Copy*: NY.

Schnyder, Albert (1856-1938), Swiss (Zürich) botanist and railway employee. (*A. Schnyd.*).

HERBARIUM and TYPES: Z.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1010-1011; BL 2: 579, 580, 715.

BIOFILE: Murr, J., Neue Übers. Farn-Bl.-Pfl. Vorarlberg 1/2: xxi. 1923 ("Stationsvorstand in Bachs, jetzt in Pension in Wädenswyl (Schaan. Vaduz")).

10.979. *Floristische und Vegetationsstudien im Alviergebiet* ... Zürich (Druck von Gebr. Fretz A.G.) 1930. (*Fl. Veg. Stud. Alviergeb.*).
1: 30 Jun 1930, p. [1]-96. *Copies*: G, US. – Beibl. Viertelj.-Schr. naturf. Ges. Zürich 75(17). 1930. – Mitt. bot. Mus. Zürich 135.
2: 15 Dec 1930, p. [i], 97-188. *Copies*: G, HH.– Id.
See also Jahrb. St. Gall. naturw. Ges. 60: 20-47. 1924 (lists of species).

Schnyder, Otto (*fl.* 1878), Argentine botanist; professor of botany at the University of Buenos Aires. (*O. Schnyd.*).

HERBARIUM and TYPES: Unknown. – LZ (destr.) listed some material from "O. Schnyder"; some bryophytes and phanerogams were at B (mainly destr.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 236; BM 4: 1854; CSP 11: 334, 12: 662; Jackson p. 376; Morren ed. 10, p. 142; Rehder 5: 775; Urban-Berl. p. 313, 393.

BIOFILE: Kurtz, F., Essai bibl. bot. Argentine ed. 2. 1: 345. 1913 (bibl., 4 items).
Parodi, L.R., Bol. Soc. Arg. Bot. 9: 20. 1961.

10.980. *Contributions à la connaissance de la flore argentine* ... Genève (Imprimerie Ramboz et Schuchardt) 1877. Oct.
Publ.: 15 Nov 1877 (in journal), p. [1]-28. *Copies*: G(2), NY. – Reprinted and to be cited from Arch. Sci. Bibl. univ. 60: 407-432. 15 Nov 1877.

Schobinger-Pfister, Josef (1810-1874), Swiss botanist, commercial gardener and private botany-teacher in Luzern. (*Schob.-Pfist.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 576, 715; BM 4: 1854; PR 8312; Rehder 1: 435.

10.981. *Taschenbuch für reisende Botaniker im Kanton Luzern*, auf Rigi, Pilatus und Umgegend. Nach Dr. J.G. Krauer's Prodromus florae lucernensis. Vermehrt mit mehr als 500 Pflanzenarten und eigenen Beobachtungen, nebst einem alphabetischen Gattungsregister, ... Luzern [(A. Bolzern'sche Buchdruckerei)] 1866. Oct. (*Taschenb. Bot. Luzern*).
Publ.: 1866 (p. vii: Dec 1864), p. [i]-vii, [9]-252. *Copies*: G, HH, NY. – For Johann Georg Krauer (1794-1845) *Prodr. fl. lucern.* 1824, see/TL-2/3913.

Schoch, Emil (*fl.* 1903), Swiss (Zürich) botanist; Dr. phil. Zürich 1903; student of Hans Schinz. (*E. Schoch*).

HERBARIUM and TYPES: Unknown.

10.982. *Monographie der Gattung Chironia* L. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde. Vorgelegt der Hohen philosophischen Fakultät (Mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Jena (Verlag von Gustav Fischer) 1903. Oct. (*Monogr. Chironia*).
Publ.: Jun 1903 (Nat. Nov. Jul(1) 1903; Allg. bot. Z. 15 Jul 1903), p. [i*, iii*], [i]-ii, [1]-66, *pl. 1-2* (uncol., auct.). *Copies*: G, M. – Preprinted from Beih. Bot. Centralbl. 14(2) [177]-242, *pl. 15-16.* 1903. Mitt. Bot. Mus. Univ. Zürich 19. 1903.

Schoch, Gottlieb (1853-1905), German (Anhalt-Dessau) gardener; ultimately municipal garden director at Magdeburg. (*Schoch*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 455; Barnhart 3: 236 (b. 1 Nov 1853, d. 18 Oct 1905); Hortus 3: 1203; Tucker 1: 633.

10.983. *Verzeichniss der Gehölze in den öffentlichen Gärten und Parkanlagen Magdeburgs* ... Magdeburg (Creutz'sche Verlagsbuchhandlung (Max Kretschmann) 1900. Oct. (*Verz. Gehölz. Magdeb.*).
Publ.: 1900 (Nat. Nov. Mai-Jun 1900), p. [i-ix], [1]-67. *Copies*: B-G, HH.

Schönach, Hugo (1847-?), Austrian botanist; high school teacher at Brunek (until 1880) and Feldkirch, Vorarlberg (1881-1908); later in retirement in Innsbruck. (*H. Schönach*).

HERBARIUM and TYPES: IBF. Some further material at AK, C, KIEL, MANCH. – Contributed material to the *Flora exsiccata Austro-Hungarica.* – Schönach offered herbarium material of Austrian (Tirol) plants for sale.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 236 (b. 1 Apr 1847); DTS 1: 268, 269, 6(4): 194; Jackson p. 565; Morren ed. 10, p. 38; Rehder 5: xxiii; Tucker 1: 633.

BIOFILE: Anon., Bot. Monatschr. 1: 63, 128. 1883, 4: 48. 1886, 7: 15. 1889 (Austrian plants for sale).
Murr, J., Neue Übers. Farn- Bl.-Pfl. Vorarlberg 1/2: xxi. 1923.

10.984. *Litteratur und Statistik der Flora von Tirol und Vorarlberg.* [2 parts 1880-1883].
1: 1880 (Bot. Centralbl. 4-8 Oct 1880; Bot. Zeit. 3 Dec 1880; Nat. Nov. Nov(1) 1880), p. vi: Programm k.k. Unterrealsch. Bruneck p. 3-24 (no copy seen).
2: Jan-Mar 1883 (Bot. Centralbl. 2-6 Apr 1883; Bot. Zeit. 29 Jun 1883; Nat. Nov. Apr(1) 1883), Progr. Real- u. Obergymnas. Feldkirch 27: [1]-44. 1882.

Copies (of part 2): NSUB, Stanford Univ.

10.985. *Beiträge zur Flora von Tirol und Vorarlberg* ... Feldkirch (Druck von Ludwig Sausgruber) 1892. Oct. (*Beitr. Fl. Tirol*).
Publ.: 1892 (Bot. Centralbl. 3 Mai 1893; Bot. Zeit. 16 Jul 1894; Nat. Nov. Sep(1) 1892), p. [1]-22. *Copies*: HH, M, NSUB. – Publishd in Progr. Realsch. Obergymnas. Feldkirch 37: 3-22. 1892.

Schönau, Karl von (1885-1944), German (Bavarian) botanist; Dr. phil. München 1910; botanical assistant at München 1910-1913; curator for cryptogams at the Botanische Staatssammlungen 1913; head curator 1928. (*Schönau*).

HERBARIUM and TYPES: M (see Hertel 1980, p. 431).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 236 (b. 22 Oct 1885, d. 14 Jan 1944?); GR p. 135 (d. 14 Jan 1944); LS suppl. 7970, 24848.

BIOFILE: Anon., Hedwigia 57: (76)-(77). 10 Sep 1915 (app. München); Nat. Nov. 37: 264. 1915 (app. "Kustos" München).
Hertel, H., Mitt. Bot. München 16: 431. 1980 (herb.; 5000 lichens).
Paul, H., Ber. bay. bot. Ges. 27: 282-283. 1947 (obit., portr.).

10.986. *Zur Verzweigung der Laubmoose.* Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät (ii. Sektion) der königlich bayerischen Ludwig-Maximilians-Universität zu München vorgelegt von Karl von Schoenau aus Bad Reichenhall ... Dresden (Druck von C. Heinrich) 1910. Oct. (*Verzweig. Laubm.*).
Publ.: Dec 1910 or Jan 1911, p. [i, iii], [1]-56, [1, vita]. *Copies*: B, FH, M. – Preprinted[?] from Hedwigia 51: 1-56. Jan 1911.

Schoene, [Friedrich] Kurt (1880-?), German (Saxonian) botanist; studied at Leipzig, Dresden and, from 1902, at Jena; Dr. phil. Jena 1905. (*Schoene*).

HERBARIUM and TYPES: Unknown.

NOTE: For the Saxonian floristic botanist Richard Schöne (b. 4 Feb 1882, d. 18 Aug 1955) see Ber. Arbeitsgem. sächs. Bot. ser. 2. 8: 178-183. 1968.

10.987. *Beiträge zur Keimung der Laubmoossporen* und zur Biologie der Laubmoosrhizoiden. Inaugural-Dissertation zur Erlangung der Doktorwürde der Hohen Philosophischen Fakultät der Universität Jena ... Dresden (C. Rich. Gärtnersche Buchdruckerei ...) [1905]. Oct. (*Beitr. Keim. Laubmoossp.*).
Publ.: Jun-Dec 1905 (approved 21 Jun 1905; Nat. Nov. Aug(2) 1906 as of 1905), p. [i], [1]-57, [58], *pl. 1-3*. *Copies*: G, NY. – Preprinted from Flora 96: 276-321. 24 Mar 1906.
Ref.: Damm, O., Bot. Centralbl. 104(2): 51-52. 8 Jan 1907 (rev.).
Hannig, E., Bot. Zeit. 64: 231-232. 1 Aug 1906 (rev.).

Schoenefeld, Wladimir de (1816-1875), Berlin-born botanist of Russian parentage; in France from 1817-1833; in Berlin with C.S. Kunth 1833-1840; in Paris from 1840-1875; student of Adr. de Jussieu; one of the founders and secretary of the Société botanique de France 1854-1855, 1858-1861, secretary-general 1862-1875. (*Schoenef.*).

HERBARIUM and TYPES: P; some further material in B (mainly destr.), CGE, E, FI, KIEL, MANCH, MPU, W. – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 236 (b. 12 Jan 1816, d. 8 Sep 1875); BL 2: 160, 715 (err. "Schoenfeld"); CSP 5: 535, 8: 881, 12: 662; IH 2: (files); Morren ed. 2, p. 21; Rehder 1: 220; Tucker 1: 633; Urban-Berl. p. 393.

BIOFILE: Anon., Bot. Zeit. 33: 775. 1875 (d.); Ann. Soc. bot. Lyon 4: 2. 1877 (d.); Bot. Not. 1876: 30 (d.); Bull. Soc. bot. France, 22 (bibl.): 189. 1875 (d.), Table art. orig. 1854-1893, p. 216-219 (bibl.); J. Bot. 13: 352. 1895; Rev. bryol. 2(8): 119. 1875.
Cosson, E., Bull. Soc. bot. France 22: 253-260. 1875 (obit., bibl.).
Fournier, E., Bull. Soc. bot. France 22 (C.R.): 260-262. 1875 (revision of *Schoenefeldia*; commemorative paper).
Lacroix, A., Figures de savants 4: 102.
Pellegrin, F., Bull. Soc. bot. France 101 (suppl.): 33-34. 1854.
Trochain, J.L., Bull. Soc. Hist. nat. Toulouse 102: 391. 1966 (Bot. pays Touloue).

EPONYMY: *Schoenefeldia* C.S. Kunth.

10.988. *Rapport sur une excursion* faite en août 1860 par la Société botanique de France *au Bourg-d'Oisans*, à la Grave au Lautaret et au Galibier ... Paris (Imprimerie de E. Martinet ...) 1863. Oct.
Publ.: late Apr 1863 (journal 1863 rd 4 Mai 1863 by Bull. Soc. géol. France), p. [1]-14.
Copy: FI. – Reprinted and to be cited from Bull. Soc. bot. France 7(8): 804-815. 1863.

Schönfeldt, Hilmar von (*fl.* 1907-1913), German diatomologist and entomologist. (*Schönf.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 16: 8247; BM 4: 1854.

BIOFILE: VanLandingham, S.L., Cat. Diat. 4: 2368. 1971, 6: 3588. 1978, 7: 4226. 1978.

COMPOSITE WORKS: *Bacillariales* (Diatomeae), *in* A. Pascher, *Die Süsswasserflora Deutschlands*, Österreichs und der Schweiz, Heft 10, 1913, 187 p., Mai-Jun 1913 (Bot. Centralbl. 12 Aug 1913; Hedwigia 1 Oct 1913; Nat. Nov. Jun(1) 1913, rev. E. Irmscher; Hedwigia 54: (130). 1914; under TL-2/7423 we still gave Jul-Aug 1913; however, the preface date Mai and the Nat. Nov. date Jun(1) point at Mai-Jun as date of publication).

10.989. *Diatomaceae Germaniae.* Die deutschen Diatomeen des Süsswassers und des Brackwassers. Nebst Einführung in den Bau und das Leben der Diatomeenzelle und einer Anleitung, die Diatomeen zu sammeln und zu präparieren ... Berlin (Verlag von W. Junk ...) 1907. Oct. (*Diatom. germ.*).
Publ.: Jan 1907 (p. [iii]: 26 Oct 1906; Bot. Centralbl. 12 Feb 1907; ÖbZ for Feb-Mar 1907; Bot. Zeit. 1 Mai 1907; NY rd Apr 1907; Nat. Nov. Dec(1) 1906 (but without mention of pagination, possibly announcement)), p. [i-v], [1]-263, *pl. 1-19* (uncol.).
Copies: B, BR, FH, G, H, M, MICH, NY, PH. – The B, BR, MICH and PH copies have a sticker covering the original imprint: Theodor Oswald Weigel, Leipzig.
Ref.: G.H., Hedwigia 47: (11)-(12). 1907 (rev.).
Heering, Bot. Centralbl. 105: 572-573. 1907 (rev.).
Karsten, G., Bot. Zeit. 65: 210-211. 1907 (rev.).

Schönheit, Friedrich Christian Heinrich (1789-1870), German (Thüringian) botanist and clergyman in Teichröda 1815-1826, and Singen 1826-1870. (*Schönh.*).

HERBARIUM and TYPES: Some material at REG and W. – Some further material was at BONN (no longer extant), see Wirtgen (1841). – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 457; Barnhart 3: 237 (b. 18 Sep 1789, d. 28 Apr 1870); BFM 411-412; Biol.-Dokum. 16: 8249; BM 4: 1854; CSP 5: 537, 8: 882; 18: 566; DTS 1: 269; Herder p. 188, 382; PR 8314; Rehder 5: 775.

BIOFILE: Anon., Bot. Zeit. 28: 392. 1870 (d.); Bot. Not. 1871: 35 (d.).
Harms, H., Verh. bot. Ver. Prov. Brandenburg 59: 42. 1918.

Schmidt, O., Mitt. geogr. Ges. Jena (S.B. bot. Ver. Gesammt-Thüringen) 8(3/4): 40-52. 1890, Mitt. thür. bot. Ver. ser. 2. 30: 108-114. 1913.
Schönheit, F.C.H., Der sich selbst belehrende Forstbotaniker, Weimar (Voigt) 1853, p. vi, 215. Oct.; Fingerzeige für Geistliche bei ihrem Übertritt in das Landpredigerleben. Zur Gewinnung einer freundlichen Stellung und gesegneteten Amtstätigkeit. Ein Beitrag zur Pastoralklugheit. Nach 37jährigen amtlichen Erfahrungen herausgegeben von ... Weimar 1853, iii, 50 p. Oct. (the title alone is already biographical).
Wirtgen, Ph., Flora 24: 333. 1841 (plants in herb. Bot. Ver. Mittel-Niederrhein).

10.990. *Taschenbuch der Flora Thüringens*, zum Gebrauche bei Excursionen, die wildwachsenden und allgemeiner cultivirten phanerogamischen Gefässpflanzen nach der Ordnung von Koch's Synopsis enthaltend, im Auftrag und unter Mitwirkung der botanischen Section des naturwissenschaftlichen Vereines für Thüringen bearbeitet ... Rudolstadt (Verlag von L. Renovanz) 1850. 18-mo. (*Taschenb. Fl. Thüringen*).
Publ.: Mar-Mai 1850 (p. vi: Feb 1850; Flora rd Jun 1850; Arch. Pharm. Sep 1850), p. [i]-lxxii, [1]-562, [1-2]. *Copies*: M, NY.
Re-issue: 1857, p. [i]-lxxii, [1]-562, [1-2]. *Copies*: B, PH. – "Taschenbuch ... Thüringens, Im Auftrag ... bearbeitet ..." Rudolstadt (Verlag von L. Renovanz & Scheitz) 1857.
Preliminary publ.: Flora 15: 337-352, 593-606, 612-623, 721-736. 1832, 17: 529-543, 555-559. 1834, 22: 177-192. 1839.
Additions and corrections: Linnaea 33: 308-338. Dec 1864, 751-753. Jun 1865.
Ref.: Georges, A., Flora 33: 446-448. 28 Jul 1850 (rev.).
I., Bot. Zeit. 8: 590-593. 9 Aug 1850 (rev.).
R., Bot. Zeit. 8: 435-436. 31 Mar 1850 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 8: 593-594. 1850 (note).

Schoenichen, Walther (1876-1956), German (Rheinland/Preussen) botanist, entomologist and conservationist; studied natural sciences at Halle; high school teacher at Halle and in Berlin-Schöneberg 1899-1913; lecturer in biology at the teacher's college of Posen 1913-1915; vice-director of the "Zentralinstitut für Erziehung und Unterricht", Berlin 1915-1922; director of the "Staatliche Stelle für Naturdenkmalpflege in Preussen 1922-1938; in forced retirement 1938; ultimately at Leipzig and Goslar; lecturing at Braunschweig Technical University. (*Schoenichen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 237 (b. 18 Jul 1876); BFM 2610-2611, 3179-3181; Biol.-Dokum. 16: 8250-8252; BM 4: 1855, 8: 1159; Bossert p. 354; Collander p. 481; CSP 18: 566; Hirsch p. 266; LS 24144; Moebius p. 399.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 215: 783; Nachrichtenbl. deut. Pfl.-Schutzdienst 8(9): 144. 1956 (80th birthday); Naturw. Rundschau 10: 41. 1957 (d. late Nov 1956).
Frickhinger, H.W., Naturw. Rundschau 4(6): 280. 1951 (tribute 75th birthday).
Gilbert, P., Comp. biogr. lit. deceased entom. 341. 1977.
H., Goslarer Programm 27: 229. 1976 (commemoration 100th birthday; 22 Nov 1956).
H.H., Frankf. Allg. Zeit. 17 Jul 1956 (80th birthday), 16 Nov 1956 (d.).
Oberschelp, R., ed., Gesamtverz. deut. Schriftt. 116: 456-459. 1980 (bibl.).
Schmid, G., Goethe u.d. Naturw. 1301, 1587. 1940.
Schneider , W., Jahrb. Ver. Schutze Alpenfl.-Tiere 21: 96-104. (tribute 60th birthday, portr.).
Schoenichen, W., Naturwissenschaften und Krieg: ein Handbuch für Lehrer und Freunde der Naturwissenschaften (Sch. editor as well as author of "Biologie"). Bielefeld & Leipzig 1916); Jahrb. Ver. Schutze Alpenpfl.-Tiere 21: 96-104. 1956 (autobiogr.; "Ein Leben für den Naturschutz").
Verdoorn, F., ed., Chron. bot. 2: 144. 1936, 3: 119, 125. 1937, 7: 47. 1943.

COMPOSITE WORKS: Published ed. 3. 1900 and ed. 4. 1909 of B. Eyferth, *Einfachste Lebensformen des Tier- und Pflanzenreiches* (orig. ed. 1878). – Rev. v. Alten, Bot. Zeit. 67(2): 340-341. 16 Dec 1909.

10.991. *Achtzig Schemabilder aus der Lebensgeschichte der Blüten* für den Gebrauch der Schule und des Naturfreundes ... Braunschweig (Verlag von Benno Goeritz) 1902. Oct. (*Schemabild. Lebensgesch. Bl.*).
Publ.: 1902 (p. [ii]: 19 Jun 1901; NY rd by Dec 1902; Nat. Nov. Apr(2) 1902), p. [i]-x, [1]-156, [3 p. adv., 1 p. vignet]. *Copies*: B, Wagenitz.

10.992. *Blütenbiologie* ... Stuttgart (Verlag von Strecker & Schröder) [1911]. Oct. (*Blütenbiologie*).
Publ.: 1911 (p. vii: Mai 1911), p. [i-vii], 1-107. *Copy*: BR. – Naturwissenschaftliche Wegweiser, Band 28. – "4. Tausend" Stuttgart 1912, Nat. Nov. Oct(1) 1912.

10.993. *Mikroskopische Untersuchungen zur Biologie der Samen und Früchte* ... Freiburg i. Br. (Theodor Fischer) 1923. Oct. (*Mikrosk. Unters. Sam. Früchte*).
Publ.: 1923, p. [1]-48. *Copy*: M. – Biologische Arbeit Heft 17.

10.994. *Biologie der Blütenpflanzen* eine Einführung an der Hand mikroskopischer Übungen ... Freiburg i. Br. (Verlag von Theodor Fischer) 1924. Oct. (*Biol. Blütenpfl.*).
Publ.: 1924 (ÖbZ for Jan-Mar 1924), p. [1]-216. *Copies*: H, Wagenitz. – Biologische Studienbücher Band ii.

10.995. *Deutsche Waldbäume und Waldtypen* ... Jena (Verlag von Gustav Fischer) 1933. Oct. (*Deut. Waldbäume*).
Publ.: 1933 (p. viii: 21 Dec 1932; Nat. Nov. Sep 1933), p. [i]-xii, [1]-208, *pl. 1-10*. *Copies*: B, BR, HH, USDA. – Also *Vom grünen Dom*. Ein deutsches Wald-Buch, München 1926.

10.996. *Urwaldwildnis in deutschen Landen*. Bilder vom Kampf des deutschen Menschen mit der Urlandschaft ... Neudamm (Verlag J. Neudamm) 1934. Oct. (*Urwaldwildnis*).
Publ.: 1934, p. [1]-64, *pl. 1-96*. *Copies*: B, Duke Univ.

10.997. *Biologie der geschützten Pflanzen Deutschlands*. Eine Einführung in die lebenskundliche Betrachtung heimischer Gewächse ... Jena (Verlag von Gustav Fischer) 1940. Oct. (*Biol. gesch. Pfl. Deutschl.*).
Publ.: 1940, p. [i]-viii, [1]-248, *16 pl. Copy*: M.

Schönland, [later: Schonland] **Selmar** (1860-1940), German (Thuringian) botanist; studied at Berlin and Kiel; student of A. Engler; Dr. phil. Kiel 1883; high school teacher at Aschersleben 1884-1885; assistant with I.B. Balfour and S. Vines at Oxford, M.A. Oxf. 1888; curator, later director of the Albany Museum, Grahamstown, S. Africa 1889-1910; curator of the herbarium 1910-1925; professor of botany at Rhodes University College 1905-1925; from 1925-1940 in retirement at Grahamstown. (*Schönl.*).

HERBARIUM and TYPES: GRA; other material at A, B (mainly destr.), BM, BR, MO, NH, PRE, SAM, STU, WRSL, Z. – Schönland built up the Albany Museum Herbarium (GRA) from 1000 specimens upon his arrival to 100.000 in 1925. – Documents and correspondence at GRA.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 519; Barnhart 3: 237 (b. 15 Aug 1860, d. Mai [err.] 1940); BJI 1: 52, 2: 157-158; Biol.-Dokum. 16: 8253; BL 1: 29, 54, 317; BM 4: 1855, 8: 1159; Bossert p. 354; CSP 12: 662, 18: 566; Frank 3 (Anh.): 92; Herder p. 297; Hirsch p. 266; Hortus 3: 1203; IH 1 (ed. 6): 364, (ed. 7): 342; SIA 189; Tucker 1: 633; Urban-Berl. p. 281, 393; Zander ed. 10, p. 713, ed. 11, p. 813-814 (d. Jun 1940, err.).

BIOFILE: Anon., Bot. Centralbl. 37: 407. 1889 (was asst. Oxford; to South Africa, Grahamstown); Bot. Jahrb. 11 (Beibl. 24): 2. 1889 (from Oxford to Albany, S. Afr.).; Nat. Nov. 32: 460. 1910 (succeeded by J. Hewitt as director of the Albany Museum; retains supervision of herbarium); Nature 3699: 395. 1940 (obit. not.); Who's who (London) 1918-1939; Who was who 3 (1929-1940): 1204.
Bullock, A.A., Bibl. S. Afr. bot. 101-102. 1978 (bibl.).
Gunn, M. & L.E. Codd, Bot. Expl. S. Afr. 318. 1981 (biogr. sketch, portr., coll., refs.).

Hewitt, J. and Bolus, L., J.S. Afr. Bot. 6: 195-204. 1940 (obit., portr., bibl.).
Hutchinson, J., Bull. misc. Inf. Kew 1940: 273-274 (obit.).
Jacot Guillarmod, A.F.M.G., Suid-Afr. biogr. Woordenb. 1: 725-726. 1968 (biogr., refs.); Dict. S. Afr. biogr. 1: 695. 1968 (id.) (d. 22 Apr 1940).
Jessop, J.P., Standard Encycl. S. Afr. 9: 519. 1973.
Phillips, E.P., S. Afr. J. Sci. 27: 48, 51-52, 56, 57, 61, 63, 68, 69. 1930 (work at Albany Museum).
Phillips, E.P., ed., Fl. pl. S. Afr. 21: frontisp. portr. and dedication. 1941.
Rosenthal, E., S. Afr. Dict. natl. Biogr. 332. s.d. (1966).
Schonland, S., Bull. misc. Inf. Kew 1920(7): 225-231 (a trip to Knysna).
Verdoorn, F., ed., Chron. bot. 1: 16. 1935, 6: 68. 1941.
White, A. & B.L. Sloane, The Stapelieae ed. 2. 1: 21, 119-120. 1937.

COMPOSITE WORKS: Contributed to EP, *Nat. Pflanzenfam.*:
(1) *Campanulaceae*, 4(5): 40-48. Jun 1889, 49-70. Sep 1889.
(2) *Candolleaceae*, 4(5): 79-80. Sep 1889, 81-84. Feb 1890.
(3) *Crassulaceae*, 3(2a): 23-38. Dec 1890.
(4) *Commelinaceae*, 2(4): 60-69. 21 Feb 1888.
(5) *Goodeniaceae*, 4(5): 70-79. Sep 1889.
(6) *Pontederiaceae*, 2(4): 70-75. 21 Feb 1888.

EPONYMY: *Schoenlandia* Cornu (1896); *Schonlandia* L. Bolus (1927). – Also: *Schonland Botanical Laboratory*, Rhodes University.

NOTE: Schönland, *List of the flowering plants found in the Districts of Albany and Bathurst, Cape Colony* was published in Rec. Albany Mus. 2(1): 44-64. 28 Mar 1907, 2(2): 97-136. 24 Dec 1907.

10.998. *Über die Entwicklung der Blüten und Frucht bei den Platanen.* (Von der philosophischen Facultät in Kiel mit dem Schassischen Preise gekrönte Arbeit). Inaugural-Dissertation zur Erlangung der philosophischen Doctorwürde eingereicht bei der philosophischen Facultät in Kiel ... Leipzig (Wilhelm Engelmann) 1883. Oct. (*Entw. Bl. Fr. Platanen*).
Publ.: 10 Jul 1883 (in journal, precise date of reprint or preprint not known; Bot. Zeit. 26 Oct 1883; Nat. Nov. Sep(2) 1883), p. [1]-22, [23 Vita, 24 Thesen], *pl. 6.* – *Copies*: B, NSUB. – Reprinted or preprinted from Bot. Jahrb. 4: 308-327. *pl. 6.* 1883.

10.999. *New Species of Crassula* ... [Reprinted from the "Journal of Botany" for October, 1898]. Oct.
Co-author: Edmund Gilbert Baker (1864-1949).
Publ.: Oct 1898, p. [i], [1]-13. *Copies*: B, G. – Reprinted and to be cited from J. Bot. 36: 361-373. Oct 1898.

11.000. *Phanerogamic flora* of the divisions *of Uitenhage and Port Elizabeth* by S. Schonland ... Pretoria (The Government Printing and Stationary Office) 1919. 16-mo. (*Phan. fl. Uitenhage*).
Publ.: Jun 1919 (p. [1]: 5 Mai 1919; date of printing 27 Mai 1919), p. [i-ii], [1]-118. *Copies*: MO, US, USDA. – Issued as Memoir no. 1, Botanical Survey of South Africa.
Ref.: Anon., Bull. misc. Inf. Kew 1920: 139-141 (rev.).

11.001. *South African Cyperaceae* ... Pretoria (The Government Printing and Stationary Office) 1922. 16-mo. (*S. Afr. Cyperac.*).
Publ.: Jan 1922 (printed 15 Dec 1921, p. [3]: 22 Nov 1921), p. [1]-72, *pl. 1-80* (uncol., Stella Gowen). *Copies*: H, M, MO, US, USDA. – Issued as Memoir 3, Botanical Survey of South Africa.

11.002. *The genera Rhus and Crassula* in Thunberg's herbarium at Uppsala ... [Arkiv for Botanik. Band 21A. N:o 16. 1927]. Oct.
Publ.: shortly after 28 Nov 1927 (date of printing; issued in journal vol. 28 Jan 1928), p. [1]-12. *Copies*: Peterson, U; IDC 8562 (175).

11.002a. *Materials for a critical revision of Crassulaceae.* (The South African species of the genus Crassula L. (emend. Schonl.). [Reprinted from the Transactions of the Royal Society of South Africa ... 1929].
Publ.: 1929, cover-t.p., p. [151]-293. *Copy*: HH. – Reprinted and to be cited from Trans. R. Soc. S. Afr. 17(3): [151]-293. 1929.

11.003. *The South African species of Rhus* L. ... Prètoria (The Government Printer) 1930. 16-mo.
Publ.: 30 Aug 1930 (date on cover journal; printed 27 Aug 1930), p. [1]-115. *Copies*: B, G, HH. – Reprinted and to be cited from Bothalia 3: 3-115. 1930.

Schönlein, Johann Lucas (1793-1864), German (Bavarian) physician and palaeobotanist; studied natural sciences and medicine at Landshut and Würzburg; Dr. med. 1816; lecturer in pathological anatomy at Würzburg 1817-1824, provisional head (1819), subs. head (1824) of the medical clinic of the Julius Hospital; regular professor of medicine 1824-1833, id. at Zürich (1833-1839) and Berlin 1839-1859; first physician in ordinary to the King of Prussia. (*J. Schönlein*).

HERBARIUM and TYPES: Unknown. – *Letters* to F.A.W. Miquel at U.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 315-319; Ainsworth p. 168-169; Barnhart 3: 237 (b. 30 Nov 1793, d. 23 Jan 1864); BM 4: 1855; Bossert p. 355; DSB 12: 202-203 (G. Robinson); Herder p. 352; Jackson p. 185; NI 1788; PR 8315; Quenstedt p. 386.

BIOFILE: Anon., Bonplandia 6: 52. 1858 (cogn. Leopoldina Marcus I).
Bulloch, W., Hist. bacteriol. 395-396. 1938.
Freund, H. & A. Berg et al., Gesch. Mikroskopie 11, 12, 35, 36, 80, 81, 89. 1963.
Schwarzbach, M., auf dem spuren unserer Naturforscher, Stuttgart 23, 25. 1981.
Wittrock, V.B., Acta Horti Berg. 3(2): 142. 1903.

EPONYMY: *Schoenleinia* J.F. Klotzsch (1846). *Note*: *Schoenleinium* Johan-Olsen (1897) may also honor this author.

NOTE: Most studies on Schönlein deal with his medical activities, see e.g. G. Robinson (DSB), Isis cumulative bibliography 2: 452. 1971, and, for some contemporary literature on him Brit. Mus., Gen. cat. print. books 215: 788-789.

11.004. *Abbildungen von fossilen Pflanzen aus dem Keuper Frankens* von Dr. J.L.Schoenlein ... mit erläuterndem Texte nach dessen Tode herausgegeben von Dr. August Schenk ... Wiesbaden (C.W. Kreidel's Verlag) 1865. Qu. (*Abbild. foss. Pfl. Keuper*).
Editor and co-author: [Joseph] August Schenk (1815-1891).
Publ.: 1865 (p. 6: 20 Jan 1865; Flora 22 Jul 1865; BSbF Nov 1865), p. [1]-22, *pl. 1-13* (uncol., C. Hohe, F. Hassler). *Copies*: PH, USGS.

Schoenlein, Philipp (1834-1856), Swiss-born botanist; educated in Berlin; travelled in Upper Guinea 1855-1856; died at Cap Palmas, Liberia; son of J.L. Schönlein. (*P. Schoenlein*).

HERBARIUM and TYPES: 14 specimens in B (probably all destroyed).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 237 (b. 9 Feb 1834, d. 11 Feb 1856); BM 4: 1855; PR (alph.) 4731; TL-2/3741; Urban-Berl. p. 393.

BIOFILE: Anon., Bonplandia 4: 160. 1856, 9: 61. 1861, 10: 353. 1862 (d.); Bot. Zeit. 14: 296. 1856 (d., son of J.L. Schönlein).
Embacher, F., Lexik. Reisen 262. 1882.
Vallot, J., Bull. Soc. bot. France 29: 191, 204. 1882 (coll. Cap Palmas).

COMPOSITE WORKS: J.F. Klotzsch, *Philipp Schoenlein's botanischer Nachlass auf Cap Palmas*, 1857, TL-2/3741.

Schöpf, Johann David (1752-1800), German (Bavarian) botanist and physician; Dr. med. Erlangen 1776; army physician with Ansbach ("Hessian") troups in the English army during the American War of Liberation 1777-1783; travelled through Pennsylvania, Maryland, the Carolina's and the Bahamas; court and military surgeon in Bayreuth 1784; president of the medical council of Ansbach 1795, id. of Bayreuth 1797. (*Schöpf*).

HERBARIUM and TYPES: M (through Schreber, Martius 1851); a few specimens associated with Schöpf in PH (Mears 1978). – Schreber also acquired the "Index Plantarum Noveboracensium" (also at M; viii and 353 p. mss).

BIBLIOGRAPHY and BIOGRAPHY: ADB 31: 350-352 (F. Ratzel); Backer p. 519; Barnhart 3: 237 (b. 8 Mar 1752, d. 10 Sep 1800); BM 4: 1855, 8: 1159; Dryander 3: 369; Langman p. 683; Lasègue p. 460; LS 24145; ME 1: 227, 3: 355, 651, 739; Merrill p. 208; PR 8316, ed. 1: 9238; Quenstedt p. 387; Rehder 5: 776; SIA 7177; Tucker 1: 633.

BIOFILE: Anon., Neue Schr. Ges. Naturf. Freunde Berlin 3: 600-605. 1801 (obit.); Pharm. Rundschau 4: 123-124. 1886.
Beard, E., Amer.-German Rev. 25(1): 27-29. 1958 ("doctor-naturalist on tour, 1783-1784").
Ewan, J., *in* J.F. Leroy, ed., Bot. franç. Amér. nord 39. 1957.
Fenton, C.L. & M.A., Giants of geology 124. 1952.
Goode, G.B., Ann. Rept. Smiths. Inst. 1897(2): 396-397. 1901.
Hindle, Brook, Pursuit sci. revolut. Amer. 26, 227, 282, 307, 316. 1956.
Hoffmann, F., Pharm. Rev. 16: 260-265, 296-302. 1898 (notes from travel reports).
Kelly, H.A., Some Amer. med. bot. 15. 1929.
Kremers, E., Bull. Lloyd. Libr. 6 (reprod. ser. 3): 3-7. 1903 (biogr. sketch as preface to fasc. repr. of *Mat. med. amer.*), (see also Pharm. Rev. 21: 156).
Martius, K.F.P. von, Flora 34: 4. 1851 (N. Amer. coll. in herb. J.C. Schreber); 34(1): 4. 1851 (coll. and mss. at M).
Mears, J.A., Proc. Amer. philos. Soc. 122(3): 168. 1978.
Meusel, J.D., Lexik. teut. Schriftst. 12: 364-367. 1812.
Meyer, J., Das Bayerland 12: 68-70. 1901 (100th anniv. of birth).
Morrison, A.J., German Amer. Ann. 12: 255-264. 1910 (gen. acct. Amer. stay); Bull. Lloyd Libr. 16 (Bot. ser. 2): 1-38. 1911 (English excerpts of an English translation of Schoepf, *Reise nordamer. Staat.*, Erlangen 1788.
Müller-Jahncke, W.D., Pharmacy in History 20(2): 43-64. 1978 (general study, well documented).
Peters, H., Pharm.-Rundschau 13(7): 151-156. 1895 (detailed account of his American period).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 834. 1863, 7a (suppl.): 595-596. 1971 (biogr., extensive biogr. refs.).
Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 6. 1981.
Sabin, J., Dict. books America 19: 39. 1891.
Standley, P.C., Rhodora 21: 69-70. 1919 (Schöpf published *Solidago suaveolens* in his "Reise").
Toepfler, A., Torreya 24(4): 57-58. 1924 (brief biogr. sketch).
Urban, I., Symb. ant. 3: 121. 1902.
Williams, G.H., Bull. Geol. Soc. Amer. 5: 591-593. 1894 (contr. to N. Amer. geology).

EPONYMY: *Schoepfianthus* H.G.A. Engler ex E. De Wildeman (1907); *Schoepfiopsis* Miers (1878). *Note*: *Schoepfia* Schreber (1789) probably also honors this author, but no etymology was given.

THESIS: See J.C.D. Schreber, *Plantae verticillatae unilabiatae*. Dissertatio botanica ... respondente J.D. Schoepffio, ... 1773.

11.005. D. Jo. Davidis Schoepf ... *Materia medica americana* potissimum regni vegetabilis ... Erlangae [Erlangen] (sumtibus Jo. Jac. Palmii) 1787. Oct. (*Mat. med. amer.*). *Publ.*: 1787 (p. xviii: 26 Sep 1786), p. [i]-xviii, [1]-170. *Copies*: G, HH, KU, MO, USDA.

Facsimile ed.: 1903, Bull. Lloyd Libr., Repr. ser. no. 3. Introduction (p. 3-7) by Edward Kremers, followed by facs., [i]-xviii, [1]-170. *Copy*: BR.

11.006. *Reise durch einige der mittlern und südlichen Vereinigten nordamerikanischen Staaten* nach Ost-Florida und den Bahama-Inseln unternommen in den Jahren 1783 und 1784 ... Erlangen (bey Johann Jacob Palm) 1788. 2 vols. Oct. (*Reise nordamer. Staat.*).
Publ.: 1788, 2 vols. *Copy*: NSUB.
1:1788, p. [i-xxiv], [1]-644, [645, err.], map.
2: 1788, p. [i*-vi*], [i]-xxxii, [1]-551, [552, err.].
Copies: HU (696), NSUB, NY.
Extracts: See A.J. Morrison 1911.
English translation (p.p.): 1911, Bull. Lloyd Libr. no. 16, Bot. ser. 2. 38 p.
Full English translation: 1968, New York (Bergman publishers), *Travels in the Confederation* [1783-1784] from the German ... translated and edited by Alfred J. Morrison, 2 vols.
Copies: NY, US.
1: portr., p. [i]-viii, [ix-xiii], [1]-428, map.
2: p. [i-viii], [1]-344.

Schöpfer, Franz Xaver (1777-1855), Austrian botanist; practicing physician at Innsbruck. (*Schöpfer*).

HERBARIUM and TYPES: IBF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 237 (d. 11 Oct 1855); BM 4: 1855; DTS 1: 269, xxiii; GR p. 459; IH 2: (files); PR 8317, ed. 1: 9239; Rehder 1: 439; Tucker 1: 634.

BIOFILE: Hausmann, F. v., Fl. Tirol 1166. 1854.

11.007. *Flora oenipontana.* Oder Beschreibung der in der Gegend um Innsbruck wildwachsenden Pflanzen, nebst Angabe ihrer Wohnorte, Blüthezeit und Nutzen ... Innsbruck (in der Wagner'schen Hof- und Universitäts-Buchhandlung), Leipzig (in Commission bey Ambros Barth) 1805 [1804]. Oct. (*Fl. oenipont.*).
Publ.: Oct 1804 (t.p. 1805, but available at Michaelismesse 1804; reviewed in Bot. Zeit. Regensburg 3: 321-324. 1804), p. [i-xvi], [1]-396, [397-404, indexes]. *Copies*: B, G, HH, M, MICH, NY. – "Flora tyrolensis. Erster Band. Flora oenipontana". – The HH copy has imprint without the Leipzig commission.
Ref.: Schrader, H.A., Neu. J. Bot. 1(2): 116-117. 1806.

Scholander, Per Fredrik (1905-1980), Norwegian botanist and zoologist; Dr. phil. Oslo 1934; research fellow physiology, Univ. Oslo 1934-1939; Rockefeller fellow U.S.A. 1939-1943; research associate at Swarthmore College 1939-1949; at Harvard medical school 1949-1951; Woods Hole 1952-1955; professor of zoophysiology Oslo 1953-1958; professor of physiology, Scripps Inst. Oceanogr. 1958. (*Schol.*).

HERBARIUM and TYPES: O; other material in C, M, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 237; BL 1: 155, 317, 2: 460, 715; BM 8: 1160; GR p. 481, pl. [39], cat. p. 71; IH 2: (files); Kleppa p. 331 [index]; MW p. 440; PH 209; SBC p. 131.

BIOFILE: Almborn, O., Letter to senior author 5 Mar 1981 (d. Jun 1980).
Hertel, H., Mitt. Bot. München 16: 431. 1980 (lich. M).
Jørgensen, C.A. et al., Biol. Skr. Dan. Vid. Selsk. 9(4): 6, 7, 158, 169. 1958.
Verdoorn, F., ed., Chron. bot. 1: 234, 235. 1935.

COMPOSITE WORKS: (1) With B.A. Lynge, *Lich. N.E. Greenland* 1932. TL-2/5129.
(2) With E. Dahl and B.A. Lynge (q.v.), *Lich. S.E. Greenland, Scholander* 1937, TL-2/5131.

FESTSCHRIFT: Hvalrådets Skrifter. Scientific results of marine biological research, nr. 48,

Oslo (Universitetsforlaget) 1965, 239 p. (portr., brief biogr. introd. by J.T. Ruud on p. 5-6, bibl. by S.I. Scholander on p. 7-14; contributed papers on p. 15-239 of which one botanical, G.A. Llano, Review of Umbilicaria ... p. 112-124). (Inf. O. Almborn).

11.008. *Flowering plants and ferns of Southeastern Greenland* ... Oslo (I kommisjon hos Jacob Dybwad) 1933. Oct. (*Fl. pl. S.E. Greenland*).
Co-author: J. Devold.
Publ.: Aug-Sep 1933 (printed 5 Aug 1933), p. [1]-209, [210]. – *Copies*: B, NY, PH. – Skr. Svalbard Ishavet 56, 1933.

11.009. *Vascular plants from Northern Svalbard* with remarks on the vegetation in North-East Land ... Oslo (I kommisjon hos Jacob Dybwad) 1934. Oct. (*Vasc. pl. N. Svalbard*).
Publ.: 21 Apr-26 Mai 1934 (26 Mai date of being created Dr. phil.; printed 21 Apr 1934), p. [1]-153, [154-155, maps]. *Copies*: B, BR, G, H, HH, LD, MO, NY. – Skr. Svalbard Ishavet 62, 1934.

11.010. *On the apothecia in the Lichen family Umbilicariaceae* ... Reprinted from Nyt Magazin for Naturvidenskaberne. B. lxxv. 1934. Oct.
Publ.: Jul-Sep 1934, p. [1]-32, *pl. 1-5*. *Copy*: Almborn. – Reprinted and to be cited from Nyt Mag. Naturvid. Botany 75: 1-32, *pl. 1-5*. 1934.

Scholler, Friedrich Adam (1718-1795), German (Bayreuth) botanist; teacher at the community of Moravian Brethern at Barby (Prussian Saxony). (*Scholler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 411; Backer p. 660; Barnhart 3: 237 (d. 3 Apr 1785); BM 4: 1855; Dryander 3: 162; Frank 3 (Anh.): 92; GR p. 45-46, cat. 71; Herder p. 188; Hortus 3: 1203; LS 24152; PR 8319, ed. 1: 9241; Rehder 1: 374; Tucker 1: 634; Zander ed. 10, p. 713, ed. 11, p. 813.

BIOFILE: Ascherson, P., Fl. Prov. Brandenb. 1: 13. 1864; Nachtr. Fl. Magdeburg 69-70. 1894.
Fries, T.M., Bref Skrifv. Linné 1(5): 224. 1911.

EPONYMY: *Schollera* A.W. Roth (1788); *Schollera* Rohr (1792). *Note*: *Schollera* Schreber (1791) and the derived genus *Scholleropsis* H. Perrier de la Bathie (1936) probably also honor F.A. Scholler, but no etymology was given.

11.011. *Flora barbiensis*. In usum seminarii fratrum ... Lipsiae [Leipzig] (apud Weidmanni heredes et Reichium in commissis) 1775. Oct. (*Fl. barb.*).
Publ.: 1775 (p. [8]: 16 Jun 1774; NZgS 12 Jul 1775), p. [1]-310, [1-18, index], *1 pl.* (uncol. copp.). *Copies*: B-G, B-S, H-UB, HH, M, MO, NY, PH, USDA.
Suppl.: 1787 (p. [xii]: 12 Feb 1787), p. [i-xii], [311]-366, [367-370, indexes], *1 pl.* (id.). *Copies*: B-G, B-S, HH, M, NY, PH. – *Supplementum florae barbiensis* ... Barbii [Barby] (typis Spellenbergianis) 1787. Oct. (*Suppl. fl. barb.*). Published by J.J. Bossart.

Scholtz, [Johann Eduard] Heinrich (1812-1859), German (Silesian) botanist and zoologist; practicing physician at Breslau; Dr. med. Breslau 1836. (*H. Scholtz*).

HERBARIUM and TYPES: WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 237 (b. 4 Feb 1812, d. 29 Oct 1859); BM 4: 1855; CSP 5: 519-520; IF p. 729; PR 8320-8321, ed. 1: 9242-9243; Rehder 1: 381.

BIOFILE: Anon., Bonplandia 6: 52. 1858.
Candolle, Alph., Phytographie 448. 1880 (herb. with Schles. Ges. vaterl. Cultur, Breslau).
Cohn, F., Bonplandia 8: 31-32. 1860 (biogr. sketch); Bot. Zeit. 17: 408. 1859 (id.); Jahresber. Schles. Ges. vaterl. Cultur 37: 34-35. 1859 (id.).

Klette, A.M., Verh. Mitt. siebenbürg. Ver. Naturw. Hermannnstadt 10: 240-241. 1860 (obit.; as "Scholz").
Pax, F., Schlesiens Pflanzenwelt 12. 1915.; Bibl. schles. Bot. 38, 68, 148. 1929.
Wimmer, F., Fl. Schlesien 154. 1844.

EPONYMY: *Scholtzia* Schauer (1843).

11.012. *Enumeratio filicum in Silesia sponte crescentium* earumque de usu additis Lycopodiaceis et Equisetaceis. Dissertatio inauguralis botanico-medica quam gratiosi ordinis medicorum consensu et auctoritate in Academia vratislaviensi pro summis medicinae et chirurgiae honoribus rite capessendis die v octobris mdcccxxxvi h.l.q.c. publice defendet auctor ... Vratislaviae [Breslau] (Typis M. Friedlaenderi) [1836]. Oct. (*Enum. fil. Siles.*).
Publ.: 5 Oct 1836, p. [i-iii], [1]-57,]59, theses]. *Copies*: HH, NY.

11.013. *Flora der Umgegend von Breslau* ... Breslau (Verlag von August Schulz und Comp.) 1843. Oct. (*Fl. Breslau*).
Publ.: 1843 (rd Regensburg 1-7 Jul 1843), p. [i]-xvi, [1]-333, [334-336]. *Copies*: B-G, HH, M.
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Scholz, Eduard (1860-?), Transsylvania-born Austrian botanist; high school teacher at Stockerau, Görtz [Göritz, Gorizia, Venetia Giulia]; id. in Krems 1897-1898; from 1898 id. in Wien. (*E. Scholz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 238 (b. 6 Jun 1860); CSP 18: 571; DTS 1: 269-270; Hirsch p. 266; LS 24154-24156; Rehder 4: 470.

BIOFILE: Anon., Bot. Centralbl. 77: 320. 1897 (app. Gymnasium Krems), 78:335. 1898 (id.); Österr. bot. Z. 48: 367. 1898 (app. Vienna, coming from Görz; Bot. Monatschr. 16(1): 16. 1898 (from Görz to Krems).
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11.014. *Morphologie der Smilaceen* mit besonderer Berücksichtigung ihres Sprosswechsels und der Anatomie der Vegetationsorgane ... [23. Jahres-Bericht des nied.-österr. Landes-Realgymnasiums ... Stockerau 1887-88]. Oct.
Publ.: Jul 1888 (Bot. Zeit. 31 Aug 1888; Nat. Nov. Aug(2) 1888), p. [1]-43, [44], *pl. 1. Copy*: G. – To be cited from Jahres-Ber. nied.-österr. Landes-Realgymnas. Stockerau 23: [1]-43, [44], *pl. 1-2. Copy*: G.

11.015. *Schlüssel zur Bestimmung der mitteleuropaeischen Farnpflanzen*, Pteridophyta, ... Görz [Göritz, Gorizia] (Im Selbstverlage des Verfassers. Druck von E. Seitz) 1896. Oct. (*Schlüss. Best. mitteleur. Farnpfl.*).
Publ.: Jul 1896 (Bot. Centralbl. 18 Aug 1896; published "am Schlusse des Schuljahres" 1896; ÖbZ 1 Aug 1896; Nat. Nov. Dec(2) 1896), p. [1]-36, *1 pl. Copies*: G, HH. – Reprinted from Jahresber. Staatsgymn. Görz 46: [1]-36 [Jahresbericht [1]-66].
Ref.: Roth, E., Bot. Centralbl. 70: 360-361. 1897 (rev.).

Schomburgk, [Moritz] Richard (1811-1891), German (Prussian Saxony) botanist, explorer and gardener; in the Royal Guard, Berlin, 1831-1834; gardener at Sanssouci, Potsdam 1835-1840; travelled (on behalf of the Prussian government) in British Guiana with his brother Robert 1840-1844; in Berlin 1844-1849; settled in South Australia 1849; ran a farm at the German colony of Buchsfelde near Gawler, 1849-1865; curator (director) of the Adelaide botanical garden 1865-1891. (*Ri. Schomb.*).

HERBARIUM and TYPES: Guyana plants at B (mainly destr.); duplicates at BM, BR, C,

CGE, F, G, GOET, K, MO, L, NY, OXF, P, UPS, US, W.– Australian plants at AD and K, duplicates at E, HBG, LE (impt. set), US, W. – *Letters* (e.g. to G. Bentham) at K; to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 240-243; BB p. 270; BL 1: 244, 317; BM 4: 1855-1856, 8: 1160; Bossert p. 354; CSP 5: 520, 8: 879, 18: 571; Desmond p. 546; De Toni 2: cv; DNB 17: 927-928; Frank 3 (Anh.): 92; Herder p. 59, 164, 226, 229, 411; HR; IH 1 (ed. 6): 364; Jackson p. 119, 194, 205, 375, 400, 401, 452; KR p. 626; Langman p. 683; Lasègue p. 219; LS 24157-24158; Morren ed. 2, p. 39, ed. 10, p. 149; PR 8323-8324, ed. 1: 9248; Rehder 5: 776; TL-1/699, 1176; Tucker 1: 634, 3: 273; Urban-Berl. p. 268, 281, 290, 313, 393; Zander ed. 10, p. 713, ed. 11, p. 813.

BIOFILE: Anon., Bonplandia 6: 52. 1858 (cogn. Leopoldina John Harrison i); Bot. Gaz. 16: 217. 1891 (d.); Bot. Jahrb. 14 (Beibl. 31): 17. 1891 (d.); Bot. Not. 1892: 47 (d.); Bot. Zeit. 1: 222 (arrival coll. Guyana in B), 799-800. 1843 (ref. to account Roraima trip), 2: 672. 1844 (back from Guyana), 23: 368. 1865 (app. Adelaide); Bot. Zeit. 11: 167-168. 1853 (description of S.'s life on his farm in S. Australia; Flora 27: 718. 1844 (return from Brit. Guiana with colls.), 49: 13-14. 1866; Garden and Forest 4: 348. 1891 (obit. note, prob. by C.S. Sargent); J. Bot. 29: 224. 1891 (obit. note); Leopoldina 27: 107. 1891 (obit. not.); Monatschr. Kakteenk. 1(3): 46-47. 1891 (d.); Nat. Nov. 13: 206. 1891 (d.); Österr. bot. Z. 41: 260. 1891 (d.), 16: 28. 1866 (app. Adelaide).

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11.016. *Reisen in Britisch-Guiana* in den Jahren 1840-1844. Im Auftrag S.r Majestät des

Königs von Preussen ausgeführt von Richard Schomburgk. Nebst einer Fauna und Flora Guiana's nach Vorlagen von Johannes Müller, Ehrenberg, Erichson, Klotzsch, Troschel, Cabanis und Andern. Mit Abbildungen und einer Karte von Britisch-Guiana aufgenommen von Sir Robert Schomburgk ... Leipzig (Verlagsbuchhandlung von J.J. Weber) 1847-1848, 3 vols. Qu. (*Reis. Br.-Guiana*).

Map: designed by Robert Hermann Schomburgk (1804-1865).

1: 24-27 Nov 1847 (p. viii: Mai 1847; Hinrichs rd 24-27 Nov; map, p. [i]-viii, [ix]-x, [1]-469, [470, imprint], map, *8 pl.* (uncol.).

2: 12-15 Jul 1848 (p. vi: Mar 1848; Hinrichs rd 12-15 Jul 1848), p. [i]-xiv, [1]-530, [1-2, err.], *8 pl.* (id.).

3: 7-10 Mar 1849 (t.p. 1848; Hinrichs rd 7-10 Mar 1849), p. [ii]-viii, [ix], [531]-1260, [1261, err.], [1262-colo.], chart A. – Other t.p.: "*Versuch einer Fauna und Flora von Britisch-Guiana.* nach Vorlagen von Johannes Müller ... und Andern. Systematisch bearbeitet von Richard Schomburgk." Flora on p. [787]-1260 (by Ri. Schomb. and collaborators listed on p. 785); the new names by F. Klotzsch are mostly, if not all, nomina nuda. Diatoms by Ehrenberg on p. 537-544 + chart A.

Copies: B, Ewan, G, HH, MO, NY, PH, U, USDA.

English transl.: 1922-1923, *Richard Schomburgk's travels in British Guyana* 1840-1844. Translated and edited, with geographical and general indices, and route maps, by Walter E. Roth, ... Published by Authority. "Daily Chronicle" Office, Main Street, Georgetown. 1922-1923, 2 vols. *Copies*: Ewan, HH, Wurdack.

1: 1922, p. [i*-iv*], err. slip, [i]-xxxviii, [xli-xliii], [i], ii, [iii, iv], [1]-402, *8 pl.*, maps 1-3.

2: 1923, p. [i-vi], err. slip, [vii-xi], [1]-443, *8 pl.*, maps 4-10.

Preliminary accounts: 1843-1845, in Bot. Zeit. 1: 222, 799-800, 853-855. 1843; as "*Schomburgk's Reise*" in letters to C.S. Kunth in 2: 12-15, 23-26, 38-42, 53-57. 1844; as "*Botanische Reise-Skizze*" von Richard Schomburgk" in 3: 121-128, 137-144. 1845.

Review by D.F.L. von Schlechtendal, Bot. Zeit. 7: 460-462, 471-475, 485-489, 504-506, 522-525, 545-547, 566-568, 586-590, 631-637, 652-654. 1849.

Extract: 1852, Reisen der Brüder Schomburgk in British Guiana. Im Auszug für das grosse Publikum und die Jugend bearbeitet von W. Strieker. Frankfurt am Main 1852. Oct. (n.v.).

11.017. *Catalogue of the plants* under cultivation *in the* Government *botanic garden Adelaide*, South Australia ... Adelaide (printed by W.C. Cox, ...) 1871. Oct. (*Cat. bot. gard. Adelaide*).

Publ.: 1871, p. [i]-xiii, [xiv], [1]-200. *Copies*: AA, B-G, B-S, E, HH.

Other ed.: 1878 (p. x: 20 Jan 1878), frontisp., [i-ii], err. slip, [iii]-xix, [xxi, xxiii], [1]-285, *16 pl.* ([*1], [*A*], *B-O*, [*P*]). *Copies*: B, B-G, BR, FAS, G, HH, M, MO, NY, PH, Fisher Libr. Sydney, USDA.

11.018. *Papers read before the philosophical Society* and the Chamber of Manufactures ... Adelaide (W.C. Cox, Government Printer, ...) 1873. Oct. (*Pap. Philos. Soc.*).

Publ.: 1873 (p. [iii]: Feb 1873, p. [i-v], [1]-120. *Copies*: HH, MO. – Various botanical papers; for some of the original publications see Ferguson (1969) 15483-15493.

11.019. South Australia. *Report on the progress and condition of the botanic garden* and government plantations, 1873. R. Schomburgk, Dr. phil., director, ... Adelaide (W.C. Cox, Government Printer, ...) 1874. Qu. (*Rep. bot. garden*).

1873: 1874 (p. 10: Feb 1874), p. [1]-12, map, plan. *Copy*: BR.

1875: 1876 (p. 11: 24 Mar 1876), p. [1]-14. *Copy*: BR.

1877: 1878, p. [1]-14. *Copy*: BR.

1878: 1879, p. [1]-23, *1 pl. Copy*: BR. – Adelaide (E. Spiller, acting Government Printer).

1879: 1880 (p. [3]: Mar 1880), p. [1]-17, *2 pl. Copy*: PH. – Adelaide (E. Spiller, Government Printer, ...).

1880: 1881 (p. [3]: Mar 1881), p. [1]-21, *1 pl. Copies*: BR, PH.

1881: 1882 (p. [3]: 1 Apr 1882), p. [1]-24, *1 pl. Copies*: BR, PH.

1882: 1883 (p. [3]: Mar 1883), p. [1]-23, [24], *7 pl. Copies*: BR, PH.

1883: 1884 (p. [3]: Mar 1884), p. [1]-25, *4 pl. Copies*: BR, PH.

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1886: 1887 (p. [3]: Mai 1887), p. [1]-25. *Copies*: BR, NY, PH.
1887: 1888 (p. [3]: Mai 1888), p. [1]-20. *Copy*: PH. – Adelaide (H.F. Leader, Government Printer, ...).
1888: 1889 (p. [3]: 2 Mai 1889), p. [1]-26, *pl. 1-8. Copies*: BR, PH.
1889: 1890 (p. [3]: 10 Mai 1890, printing ordered 22 Jul 1890), p. [1]-20. *Copies*: BR, NY, PH.

11.020. *The flora of South Australia* ... Adelaide (W.C. Cox, Government Printer, North Terrace) 1875. Oct. (*Fl. S. Austral.*).
Publ.: 1875 (Bot. Zeit. 3 Mar 1876; Soc. bot. France rd 25 Feb 1876; Bot. Zeit. 3 Mar 1876), p. [1]-64. *Copies*: B-S, BR, DBN, FI, HH, G, M, MO, NY. – "From the Handbook of South Australia". See also his "Flora of South Australia in W. Harcus, South Australia 205-280. 1876.
Ref.: Kloot, P.M., J. Adelaide Bot. Gard. 2(2): 210-211. 1980.

11.021. *Botanical reminiscenses in British Guiana* ... Adelaide (W.C. Cox, Government Printer, North Terrace) 1876. Oct. (*Bot. remin. Br. Guiana*).
Publ.: Jun-Jul 1876 (p. [iii], Jun 1876; USDA copy rd 1 Mar 1877; J. Bot. Oct 1876; Soc. bot. Fr. 10 Nov 1876; Bot. Zeit. 18 Aug 1876), p. [i-vii], [1]-90. *Copies*: BR, Ewan, FI, G, HH, M, PH, US, USDA. – See also his *Souvenirs d'une exploration en Guyane*, in *Belg. hortic.* 33: 187-194. 1883.

11.022. *On the naturalised weeds* and other plants *in South Australia* ... Adelaide (E. Spiller, ...) 1879. Qu. (*Natural. weeds S. Australia*).
Publ.: 16 Oct 1879 (Kloot, 1980), p. [1]-13. *Copies*: B-S, BR, FI, G, HH, M, NY, PH, U.
Expanded version: 1889. "The naturalised noxious weeds and other plants in South Australia". Appendix C to the "Annual Report of the Director of the Adelaide botanic Gardens for 1888".
Annotated reprint: 1980, P.M. Kloot, J. Adelaide Bot. Gard. 2(2): 195-220. 1980 (updated taxonomy and nomenclature, evaluation).
Ref.: Kurtz, F., Bot. Zeit. 38: 678. 1 Oct 1880 (rev.).

11.023. *On the Urari*: the deadly arrow-poison of the Macusis, an Indian tribe in British Guiana, ... Adelaide (E. Spiller, ...) 1879. Qu. (*Urari*).
Publ.: 1879, p. [1]-18. *Copies*: B, FI, HH, M. – See also Robert Schomburgk, Ann. nat. Hist. 7: 401-427. 1841 ("On the Urari"), and Ri. Schomburgk, Trans. Philos. Soc. Adelaide 2. 1866 (n.v.); as well as in his Pap. Philos. Soc. 1873, p. 29-42.

Schomburgk, Robert [Hermann] (1804-1865), German (Prussian Saxony; in 1804: Thuringian) botanist and explorer; elder brother of Richard Schomburgk; commercial employee in Leipzig 1823-1828; in Richmond, Va. 1828-1829; in St. Thomas 1829-1830; explored Porto Rico, Tortola and Anegada 1831-1835; from 1835-1839 (discovery of *Victoria regia*) and 1840-1844 in British Guiana for the Royal Geogr. Society and the British Government; in Barbados 1846-1847; British Consul in Sto. Domingo 1848-1857; id. Bangkok, Thailand 1857-1864; in retirement in Berlin 1864-1865; knighted ("Sir") 1844; Dr. phil. h.c. Königsberg 1844, id. Jena 1858. (*Ro. Schomb.*).

HERBARIUM and TYPES: Guyana and Venezuelan collections at BM and K; other material at AWH, B (mainly destr.), BR, CGE, DS, E, F, G, G-DC, HAL, L, LIVU, LZ (destr.), MANCH, NY, OXF, P, PH, TCD, U, UPS, US, W. – Siamese plants at K (240), dupl. B (mainly destr.), P. – The Virgin Island plants went to H.G.L. Reichenbach in LZ, those from Barbados and Thailand to B and K, those of St. Domingo in B, K and P. – The Guyana collections listed as by "Schomburgk" will often be from Richard rather than from Robert; some of the "other material" listed above may quite well be of Richard Schomburgk, q.v. (but see Murray 1904 and Steyermark 1981). – 248 original water-colour drawings of British Guiana plants at BM (Woodward 1904). – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G and K. – Field notes at NY.

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BIOFILE: Anon., Bonplandia 5: 249-250. 1857 (app. consul Thailand (Siam)), 6: 358. 1858 (Dr. phil. h.c. Jena), Bonplandia 6: 52. 1858 (Leopoldina cognomen Aublet); Bot. Zeit. 3: 119. 1845 (knighted), 3: 671. 1845 (Saxonian decoration), 6: 728. 1848 (Brit. consul Haiti), 10: 884-885. 1852 (note on trip in Sto. Domingo), 15: 711. 1857 (Brit. consul Bangkok), 16: 264. 1858 (Dr. phil. h.c. Jena); Flora 12: 640. 1829 (in U.S.A. offers his services to collect plants), 27: 783. 1844 (Dr. phil. h.c. Königsberg), 28: 64. 1845 (knighted by Queen of England), 28: 544. 1845 (Saxonian decoration), 31: 782. 1848 (app. Brit. consul Haiti), 40: 735. 1857 (app. id. Bangkok), 47: 602. 1864 (arr. 11 Oct 1864 in Hamburg, ill.), 48: 156. 1865 (d.); Encycl. brit. ed. 11. 24: 358. 1911; J. Bot. 3: 136. 1865 (d.); Linnaea 10(6): 742. Nov 1836 (note on his first trip in Brit. Guiana, 1835; many plants lost); Mitt. Erforsch. Geogr., ed., A. Petermann 1857: 322 (on expl. Thailand; extract of biogr. notice in Geogr. Almanach 1839: 237).

Blatter, E., Rec. bot. Surv. India 8: 474. 1933 (some Aden plants collected probably in 1857, at K).

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COMPOSITE WORKS: (1) J. Lindley, *Victoria regia* 1837, TL-2/4650; plate of a drawing by Ro. Schomburgk.
(2) Edited W. Raleigh [Ralegh], *The discovery of the ... Empire of Guiana ... in the year 1595*, ... Edited, with copious explanatory notes and a biographical memoir, by Sir Robert H. Schomburgk, ... London (printed for the Hakluyt Society) 1848. Oct., lxxv, xv, 240 p., map.
(3) Translated, with John Edward Taylor, *Travels of his Royal Highness Prince Adalbert of Prussia*, in the south of Europe and in Brazil, with a voyage up the Amazon and the Xingu, London (David Bogue, ...) 1849. Oct., 732 p. *Copy*: Ewan. – Sabin 1: 25.
(4) Nya Sverige i södra America, jemte Beskrifning om "Britisch Guiana". Sammandrag af Humboldts, Hancocks, Schomburgk's Arbeten. Stockholm (Fru Ortman) 1841. Oct.

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(2) Ib. 6: 224-284. 1836, 10: 159-190. 1841 (Interior Guyana; Caruma Mts. 1837-1838).
(3) Ib. 10: 191-267. 1841 (Rio Branco, Roraima, Orinoco (1838-1839).
(4) Ann. nat. Hist., Mag. zool. Bot. Geol. 1: 63-68. 1838 (letter from New Amsterdam, Berbice).
(5) Ib. 2: 255-266. 1839 (on vultures).
(6) Ib. 4: 266, 322-328. 1839, 5: 29-35, 202-204, 282-288, 343-348, 399-405. 1840 (Guiana).
(7) Ib. 7: 151, 407-427. 1841 (Guiana; on Urari poison).
(8) J.R. Geogr. Soc. London 12: 169-196. 1843 (1841 trip Barima & Guyami Riv.).
(9) Ib. 13: 18-74. 1843 (sources Takutu).
(10) Ib. 15: 1-104. 1845 (Pirare, Upper Corantyne, Demerara).
(11) Athenaeum 1852: 797-799 (Constanza, Santo Domingo).
(12) J.R. Geogr. Soc. London 23: 264-283. 1853 (Samaná, Santo Domingo).
(13) Id. 31: 302-321. 1861 (Thailand).
(14) J. Asiat. Soc. Bengal 32: 387-399. 1864 (Laos).
(15) Monatschr. Ges. Erdk. Berlin 1: 196-204. 1844, 2: 66-75. 1845, 4: 62-74. 1847.

HANDWRITING: Candollea 33: 173-174. 1778; Bol. Arch. gen. Nacion Rep. Dominicana 12: 266.

EPONYMY: *Schomburghia* [*sic*] A.P. de Candolle (1838); *Schomburgkia* Lindley (1838); many names for orchid hybrid genera are based on Lindley's name.

11.024. *A description of British Guiana*, geographical and statistical: exhibiting its resources and capabilities, together with the present and future condition and prospects of the colony ... London (Simpkin, Marshall and Co., ...) 1840. Oct. (*Descr. Brit. Guiana*).
Publ.: 8 Mai 1840 (p. iii: Mai 1840; copy presented by author to Geol. Soc. London 8 Mai 1840), map, p. [i-iv], [1]-155. *Copies*: Ewan, G, NY.
Facsimile repr.: 1970, London (Cass), (n.v.), 1970, Clifton, N.J. (Kelley), (n.v.).

11.025. Robert Hermann Schomburgk's *Reisen in Guiana und am Orinoko* während der Jahre 1835-1839. Nach seinen Berichten und Mittheilungen an die Geographische Gesellschaft in London herausgegeben von O.A. Schomburgk. Mit einem Nachwort von Alexander von Humboldt und dessen Abhandlung über einige wichtige astronomische Positionen Guiana's. Mit 6 colorirten Ansichten und einer Karte. Leipzig (Verlag von Georg Wigand) 1841. Oct. (*Reis. Guiana & Orinoko*).
Editor: Otto Alfred Schomburgk (1809-1857), Robert Schomburgk's younger brother; emigrated to Australia with the third brother Richard Schomburgk in 1849; died 16

Aug 1857 in the German agricultural colony Buchsfelde, S. Australia. – Preface by F.W.H. Alexander von Humboldt (1769-1859), see TL-2/2: 363-371.
Publ.: 3-9 Oct 1841 (p. xxiv: Feb 1841; Hinrichs), p. [i]-xxiv, [1]-510, *6 pl.* (col. liths.), map. *Copies*: Ewan, HH, G, NY, Wurdack.
English transl.: 1931, by Walter E. Roth, "Robert Hermann Schomburgk's *Travels in Guiana and on the Orinoco* during the years 1835-1839. According to his reports and communications to the Geographical Society of London ..." The Argosy Company Limited, Georgetown, British Guiana 1931, p. [i]-viii, [1]-202, map, *6 pl. Copies*: HH, J. Wurdack.
Preliminary publ.: Communications by Ro. Schomburgk on his explanation of British Guiana and the West Indies were published by him in the Journal of the Royal Geographic Society of London as follows: 2: 152-170. 1832, 5: 23-37. 1835, 6: 224-284. 1836, 7: 285-301, 302-305. 1837, 10: 159-190, 191-247, 248-267. 1841, 12: 169-177, 178-195. 1842, 13: 18-74. 1843, 15: 1-103. 1845, 23: 264-284. 1853 [in Siam], 31: 302-321. 1861. – Another series of papers, on "Travels in British Guiana" and on special discoveries was published in Ann. Mag. nat. Hist. 1: 63-68. 1838 (discovery of Victoria regia), 2: 255-260. 1839, 4: 322-328. 1840, 5: 29-35, 202-204, 282-288, 343-348, 399-405. 1840, 7: 151, 407-427 (on Urari). 1841, 20: 115-127 (Barbados), 396-409. 1847. German reports on the Guiana expeditions were published in the Monatschr. Ges. Erdk. Berlin 1: 196-204. 1844, 2: 66-75. 1845, on Barbados 4: 62-75. 1847. For a detailed list of publications in journals between 1832 and 1863 see CSP 5: 520-522.

11.026. *Twelve views in the interior of Guiana*: from drawings executed by Mr. Charles Bentley, after sketches taken during the expedition carried on in the years 1835 to 1839, under the direction of the Royal Geographical Society of London, and aided by Her Majesty's Government. With descriptive letter-press by Robert H. Schomburgk, Esq. ... London (Ackermann and Co. ...) 1841. Fol. (*Twelve views Guiana*).
Publ.: 1841 (viii: 1 Dec 1840), frontisp., engr. t.p., [i-iv], map, [v-viii], [1]-38, *12 pl.* (col. lith. Ch. Bentley). *Copies*: NSUB; Mus. Comp. Zool., Harvard.

11.027. *Die Barbacenia Alexandrinae und Alexandra imperatricis*, entdeckt und beschrieben von Robert Hermann Schomburgk ... Braunschweig (Druck und Papier von Friedrich Vieweg und Sohn) 1845. Qu. (*Barbacenia Alexandrinae*).
Publ.: 1845, p. [1]-22, *1 pl.* (uncol. copp. C.F. Schmidt). *Copies*: B-S, HH, LC. – Dedicated to the Empress of Russia.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 3: 873-875. 28 Dec 1845.

11.028. *Die Rapatea Friderici Augusti* und Saxo-Fridericia regalis, entdeckt und beschrieben von Robert Hermann Schomburgk, ... Braunschweig (Druck und Papier von Friedrich Vieweg und Sohn) 1845. Qu. (*Rapatea*).
Publ.: 1845, p. [1]-14, *pl. 1-2* (uncol. copp. C.F. Schmidt). *Copies*: B-S, LC, MO.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 3: 873-875. 26 Dec 1845.

11.029. *The history of Barbados*; comprising a geographical and statistical description of the island; a sketch of the historical events since the settlement; and an account of its geology and natural productions ... London (Longman, Brown, Green and Longmans) 1848. Oct. (*Hist. Barbados*).
Publ.: 1848, p. [i]-xx, [xxi-xxii], [1]-722, *5 pl.*, 1 map, 2 charts. *Copies*: HH, NSUB. – *A sketch of the organic nature as developed in Barbados*: p. 573-633 (crypt.: 580-583, phan.: 581-621, vernac. names phan. 621-631, index gen. phan. 631-633).
Facsimile ed.: 1971, p. [i*-vii*], [i]-xx, [xxi], [1]-722. *Copy*: LC. – "Franc Cass & Co. Ltd. 1971".
Ref.: Hooker, W.J., London J. Bot. 7: 47-49. 1848 (rev.).
Urban, I., Symb. ant. 1: 152-153. 1898 (comments on the "meagre" treatment of the flora).

Schopf, James [Morton] (1911-1978), American palaeobotanist; Dr. phil. Univ. Illinois 1937; assistant bot. dept. Univ. Illinois 1930-1933; with the Illinois State Geological Survey 1934; assistant geologist ib. 1935-1943; with the U.S. Bureau of Mines,

Pittsburgh 1943-1947; with the U.S. Geological Survey, Washington 1947-1949, id. Coal Geology Lab., Columbus Ohio 1949-1976; member of the Editorial Committee of the International Code of botanical Nomenclature 1969-1978; member, later chairman, of the International Committee on the Nomenclature of fossil plants 1950-1978. (*Schopf*).

HERBARIUM and TYPES: ILLS. – Palaeobotanical types in Illinois Geological Survey, Urbana, Ills., and in USGS.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 328; Barnhart 3: 238 (b. 2 Jan 1911); Bossert p. 355; MW suppl. p. 309; Rehder 5: 777; Roon p. 100.

BIOFILE: Andrews, H.N., The fossil hunters 130, 240-242. 1980.
Anon., Columbus Citizen-Journal 16 Sep 1978 (obit., d. 15 Sep 1978); I.O.P. Newsletter 7: 1. Oct 1978 (d.); Ohio J. Sci. 79(4): 192. 1979 (obit. not; Mary Clark Thompson medal N.A.S. 1976).
Cattell, J.M. & J., eds., Amer. Men Sci. ed. 6. 1251. 1938; ed. 7: 1567. 1944, ed. 8: 2197. 1949, ed. 9: 1709. 1955, ed. 10: 3600. 1961, ed. 11: 4739. 1967, ed. 12: 5601. 1972, ed. 13: 3942. 1976.
Kosanke, R.M., Memorial to James Morton Schopf 1911-1978, 4 p. Geol. Soc. Amer. 1979, 4 p. (obit., portr., selected bibl.).
Schopf, J.M., communication to senior author. 1958.
Stafleu, F.A., Taxon 27: 492. 1978 (d.).
Verdoorn, F., ed., Chron. bot. 2: 405. 1936, 3: 283. 19937, 5: 233, 234. 1939, 6: 186, 231, 232. 1941, 7: 227. 1943.

EPONYMY: Mt. Schopf, Ohio Range, Central Antarctica; taxa: *Schopfia* Janssen (1940), *Schopfiastrum* H.N. Andrews (1945), *Schopfites* Kosanke 1950, *Schopfipollenites* Potonié & Kremp. (1954), *Schopfitheca* Delevoryas 1964, *Schopfaspis* Palmer & Gatehouse 1972.

11.030. *Spores from the Herrin* (no. 6) *coal bed in Illinois* ... Urbana, Illinois, 1938. Oct. (*Spores Herrin coal bed*).
Publ.: 1938 (p. 2: Jul 1938), p. [1]-73, *pl. 1-8. Copies*: FAS, MO. – State Geological Survey, Urbana, Ilinois, Rept. Invest. 50.
Preliminary publ.: 1936, Spores characteristic of Illinois Coal no. 6, Trans. Illinois State Acad. Sci. 28(2): 173-176. Dec 1935 (1936). – See also his *The Palaeobotanical significance of plant structure in coal*, ib. 28(2): 106-110. Dec 1935 (1936).

11.031. *Medullosa distelica*, a new species of the Anglica group of Medullosa ... Reprinted from the American Journal of Botany, vol. 26, no. 4, 196-207, April 1939.
Publ.: Apr 1939, p. [i], 196-207. *Copy*: MO. – Reprinted with special t.p. and to be cited from Amer. J. Bot. 26(4): 196-207. Apr 1939. *Copy*: MO.

11.032. *Contributions to Pennsylvanian paleobotany* Mazocarpon Oedipternum, sp. nov. and Sigillarian relationships ... Urbana, Illinois 1941. Oct. (*Contr. Pennsylv. paleobot.*).
Publ.: 1941, p. [1]-40, *pl. 1-6* (uncol.). *Copy*: MO. – Illinois State Geol. Surv. Rept. 75. 1940.

Schopfer, William Henri (1900-1962), Swiss botanist and microbiologist; student of R. Chodat, Genève; Dr. phil. Genève 1928; lecturer in plant physiology at Genève 1929-1933; professor of botany and director of the botanical garden of Bern University 1933-1962. (*Schopfer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 111, 138, 329; Barnhart 3: 238; Biol.-Dokum. 16: 8274-8275; DSB 12: 207-208 (P.E. Pilet); IH 1 (ed. 1): 10, (ed. 2): 23, (ed. 3): 26, (ed. 4): 28, (ed. 5): 19; LS suppl. 5017, 24901-24910; Plesch p. 402.

BIOFILE: Anon., Hedwigia 74: (141). 1934 (to Bern); Österr. bot. Z. 82: 360. 1933 (succeeds E. Fischer as prof. bot. Bern).

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Fluri, R., Mitt. Naturf. Ges. Bern ser. 2. 20: 83-102. 1964 (obit., bibl. 299 nos.).
Gager, C.S., Brooklyn Bot. Gard. Record 27: 334. 1938.
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Verdoorn, F., ed., Chron. bot. 1: 259. 1935, 2: 35, 275. 1936, 5: 239, 323, 538. 1939, 6: 431. 1941, 7: 88. 1943.

11.033. *Recherches sur la sexualité des champignons* le problème de la biochimie comparée du sexe ... Thèse présentée à la Faculté des Sciences de l'Université de Genève pour l'obtention du grade de docteur ès sciences biologiques. Thèse no. 845. Genève (Imprimerie Jent, S.A., ...) 1928. Oct. (*Rech. sex. champ.*).
Publ.: 1928 (p. ii: 3 Jul 1928), p. [i-iii], [1]-183, *pl. 1-11* (photos). *Copy*: BR. – Preprinted or reprinted from Bull. Soc. bot. Genève 1928: 149-323, *pl. 1-11*.

Schorler, Bernhard (1859-1920), German (Saxonian) botanist; studied in Jena and Leipzig; high school teacher in Dresden 1887; curator of the herbarium of the Sächsische Gartenbauschule, from 1898 at the herbarium and library of the Technische Hochschule, Dresden. (*Schorler*).

HERBARIUM and TYPES: Unknown. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 238 (b. 30 Jan 1859, d. 1 Apr 1920); BFM no. 486; Biol.-Dokum. 16: 8275-8276; BJI 1: 52, 2: 158; LS 24159-24160; Nordstedt p. 14, suppl. 11; Rehder 1: 125, 137, 389; SO add. 884a; Tucker 1: 634.

BIOFILE: Anon., Hedwigia 62: (146). 1921 (d.); Bot. Not. 1920: 126 (d.); Nuova Notarisia 32: 72. 1921 (d.); Österr. bot. Z. 70: 64. 1921 (d.).
Drude, O., Ber. deut. Ges. 38: (63)-(65). 1920 (obit.).
Schade, A., Nat. lusatica 5: 23, 37. 1961.
Schmid, B. & C. Thesing, Biol.-Kalend. 1: 308. 1914.

COMPOSITE WORKS: (1) Published eds. 5 (1909), 6 and 7 of O. Wünsche (q.v.) *Die verbreitesten Pflanzen Deutschland*, and eds. 10 (1912) and 11 (1919) of *Die Pflanzen Sachsens*.

Schott, Arthur [Carl Victor] (1814-1875), German (Württemberg) naturalist, explorer and plant collector; manager of several estates in Germany and in charge of a mining property in Hungary; travelled in S. Europe, Turkey and Arabia 1848; to the United States 1850; in New York 1850-1851; surveyor on the Mexican Boundary Survey 1851-1864; in the field 1851-1853, 1854, 1855, 1857, but stationed at Washington D.C.; in charge of a geological survey of Yucatan 1864-1866; in various Government functions in Washington, D.C. 1866-1875. (*A. Schott*).

HERBARIUM and TYPES: Personal herbarium at F; Mexican Boundary Survey material at NY and US. Duplicates: BM (1000, from Yucatan), G, GH, ILL, L, MEDEL, MO, STU, W. Some material from Austria-Hungary in F. – Letters to John Torrey at NY. – Daniel (1981) remarks that the specimens collected on the Mexican Boundary Survey often went directly to specialists, and that Schott's specimens went directly to John Torrey (now NY). – *Letters* to W.G. Farlow at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 238 (b. 27 Feb 1814, d. 26 Jul 1875); BM 4: 1857; Bossert p. 355; CSP 5: 538, 8: 884; IF p. 729; Langman p. 683; Lenley p. 468 (Torrey corr.); ME 3: 651; Plesch p. 334; Rehder 2: 153, 396, 681; SIA 95, 201; TL-1/see W.H. Emory; TL-2: 1616, 1670; see W.H. Emory; Tucker 1: 634.

BIOFILE: Anon., Bot. Gaz. 23: 228. 1897 (complete personal herbarium acquired by F); [-r], Flora 52: 47. 1869 (coll. Yucatan); Leopoldina 11: 164. 1875 (d.).
Barnhart J.H., J. New York Bot. Gard. 28: 132-133. 1927, 30: 280-281. 1928 (biogr.

sketch); *in* F.W. Pennell, Monogr. Acad. nat. Sci. Philadelphia 1: 618. 1935 (coll. F).
Daniel, T.F., Taxon 30: 48, 50, 51. 1981 (Mex. Bound. Survey specimens directly to John Torrey).
Embacher, F., Lexik. Reisen 263. 1882.
Geiser, S.W., Field & Laboratory 27: 197-198. 1959; Natural. Frontier 281. 1948.
Knobloch, I.W., Pl. coll. N. Mexico 62. 1979 (b. 26 Feb 1814); Prel. list pl. Coll. Mexico 87. 1983.
McVaugh, R., Contr. Univ. Mich. Herb. 9: 302. 1972 (coll. Mexico).
Moldenke, H.N., Plant Life 2: 82. 1946 (1948) (epon.).
Murray, G., Hist. Coll. BM(NH) 181. 1904 (1000 sp. from Yucatan, coll. 1865).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1208. 1898.
Rodgers, A.D., John Torrey 349 [index]. 1942.
Sargent, C.S., Silva N. Amer. 10: 18. 1896 (biogr. not.).
Taylor, W.R., Field Mus. Bot. 20(4): 87-104. 1941 (tropical marine algae of the Arthur Schott herbarium).
Thomas, J.H., Huntia 3: 15. 1969.

Schott, Heinrich Wilhelm (1794-1865), Moravian-born Austrian botanist; gardener at the Belvedere palace, Wien 1815; with J.C. Mikan, Natterer and J.B.E. Pohl to Brazil 1817-1821; gardener at Schönbrunn 1821; director id. 1845-1865; Dr. phil. h.c. Jena 1858. (*Schott*).

HERBARIUM and TYPES: *Aroideae* in W (destroyed by war action); general herbarium (including Araceae) in BP (went to Mexico with Maximilian; came afterwards in the hands of cardinal Haynald (Szujkó-Lacza 1975)); Duplicates: B (mainly destr.), BR, G, H (mainly Schott Sr.), K, L, M, NY, OXF, STU, U, US, W (other Brazilian material). – Material labelled Schott from the Vienna botanical garden 1802-1819 usually stems from Heinrich Schott (1759-1819), Schott's father. – Ca. 3300 *water-colours and drawings* made for Schott at W. Available on IDC microfiche no. 8801. – *Letters* to D.F.L. von Schlechtendal at HAL, to F.A.W. Miquel in U; other letters at GH.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 399-404 (E. Wunschmann); AG 7: 117; Backer p. 519; Barnhart 3: 239 (b. 7 Jan 1794, d. 5 Mar 1865); BM 2: 529, 4: 1857-1858; Clokie p. 240; CSP 5: 539-541, 8: 884, 12: 663; DTS 1: 270, 271; Frank 3 (Anh.): 92; GF p. 75; Hegi 5(2): 1377, 6(1): 17; Herder p. 148, 271, 290, 317, 337; Hortus 3: 1203; Jackson p. 115, 123; Kanitz 219; Langman p. 683-684; Lasègue p. 332, 477, 505, 528; Maiwald p. 178; Moebius p. 404, 409; MW p. 440; NI 1789-1794, see also 1: 189, 191, 192; PR 8330-8341, 2693, ed. 1: 2992, 9258-9260, 9338; Quenstedt p. 387; RS p. 140; TL-1/ 351, 1177-1182; TL-2/1678, 6726, see S.F.L. Haynald, C.F. Nyman (see J.C. Mikan for coll. Brazil); Tucker 1: 634; WU 31: 245-251; Urban-Berl. p. 394; Zander ed. 10, p. 713, ed. 11, p. 813, 814.

BIOFILE: Anon., Alm. Akad. Wiss. Wien 1: 58, 2: 201 (bibl.), 15: 34. 1843; Amer. J. Sci. Arts ser. 2. 41: 264. 1866 (d.); Aroideana 20: 125. 1979 (portr.); Bonplandia 6(2): 52. 1858 (cognomen Leopoldina : Vellozo), 8: 218. 1860 (Braz. coll. in "Brazilian Cabinet"), 9: 321. 1861 (advises on public parks development); Bot. Zeit. 4: 136. 1846 (app. director imperial gardens), 23: 124. 1865 (d.), 26: 655. 1868 (Haynald has bought Schott's herbarium from the estate of Maximilian of Austria (sometime emperor of Mexico)); Bull. Soc. bot. France 12 (bibl.): 95. 1865 (d.); Flora 5: 465-466. 1821 (coll. Brazil in the new Brazilian Cabinet Wien), 11(2): 573. 1828 (plant show Wien), 14(1): 382. (on Univ. bot. gard. under Schott Sr.), 14(1): 394-395 (in Schoenbrunn), 15(2): 412, 413. 1832 (living coll.), 29: 48. 1846 (app. director of the imperial gardens), 39: 287. 1856 (Franz Joseph Orden), 39: 766. 1856 (corr. memb. Regensb. bot. Ges.), 40: 624. 1857 (member Leopoldina), 48: 237. 1865 (foreign member Linn. Soc.; d.); J. Bot. 3: 136. 1865 (d.), 4: 93. 1866 (Austrian govt., "bought Aroideae and alpine collection of Schott's herbarium"), Leopoldina 6: 25. 1867 (d.); Österr. bot. Z. 15: 124. 1865 (obit. not.).
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Beck, G. v., Bot. Centralbl. 34: 30-31. 1888 (on coll. drawings Aroideae at W).
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Dolezal, H., Friedrich Welwitsch 30, 187, 214. 1974.
Fenzl, E., Heinrich Wilhelm Schott. Eine Lebenskizze desselben Wien, 1865, 17 p., reprinted from Alman. Kais. Acad. Wiss., Wien 15: 217-231. 1865.
Helm, J., Kulturpflanze 14: 353. 1966 (on Pritzel and Schott).
Hertel, H., Mitt. Bot. München 16: 432. München (lichens "ob?" Heinrich Schott from S. Africa; most likely not from H.W. Schott).
Hölzel, E., Bonplandia 7: 12. 1859 (offers Araceae books for sale).
Kukkonen, I., Herb. Chr. Steven 89. 1971 (coll. father and son Schott in H).
Martius, C.F.P. von, Flora 20(2) Beibl. 3: 36-38. 1837 (coll. Brazil).
Neilreich, A., Verh. zool.-bot. Ver. Wien 5 (Abh.): 56. 1855.
Nicolson, D.H., Taxon 16: 514-519. 1967 (lectotype species for Schott's genera of Araceae), 31: 549-551. 1982 (Schott taxa in Wien. Z. Kunst. Lit. Theater Mode 1829-1830).
Pax, F., Grundz. Pfl.-Verbr. Karpathen 50, 58, 60. 1898 (Veg. Erde 2(1)).
Pluskal, F.S., Verh. zool.-bot. Ver. Wien 6: 370. 1856 (Moravian botany).
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Schönach, H., Jahresber. Real-Ober-Gymn. Feldkirch 27: 324, 346, 368, 389, 390. 1882.
Schreibers, K.F.A. von, Nachrichten von den Kais. Österr. naturforschern in Brasilien, Anhang, 1820 ("Tagebücher" of Schott) (see e.g. Barneby 1983 and below, no. 11.034).
Simonkai, L., Enum. fl. transsilv. xxiv-xxx. 1886.
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Urban, I., Fl. bras. 1(1): 102-103. 1906 (biogr. sketch, itin., coll., biogr. ref.).
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Szujkó-Lacza, J., Ann. hist.-nat. Hung. 67: 57-59. 1975 ("what happened with Schott's herbarium; Araceae also in BP holdings).
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COMPOSITE WORKS: (1) S.L. Endlicher et al., *Enum. pl.* 1837, TL-2/1678. – Riedel (1965, p. 211) notes "I could not find any description or determination by Schott, though he is mentioned as co-author".
(2) Peyritsch, J., *Aroideae Maximilianae* ... nach handschriftlichen Aufzeichnungen von H. Schott, ... 1878, see under J. Peyritsch (see e.g. A. Engler, Bot. Zeit. 37: 853-856. 1879), TL-2/7808.
(3) *Aroideae*, *in* F.A.W. Miquel, Ann. Mus. bot. Lugd.-Bot. 1: 122-128. 5 Nov 1863, 129-131. 17 Dec 1863, 278-286. 20 Oct 1864.
(4) [Aroideae of the Fiji islands], see B.C. Seemann, *Fl. vitiens.* 1868, p. 283-287.

HANDWRITING: Candollea 33: 175-176. 1978.

NOTE: (1) Schott's father, Heinrich Schott (1759-1819), born in Breslau (Silesia), was head gardener under J.F. von Jacquin of the University botanical garden Wien, 1802-1819; for biogr. refs. see e.g. Klásterský p. 167 and Th. Kotzschy, Verh. zool.-bot. Ver. Wien 7: 111-112. 1857.
(2) Main bibliography: Riedl, H., Taxon 14: 212-213. 1965, 15: 44. 1966.
(3) *Miscellanea botanica*, a facsimile ed. of various papers published in periodicals, was offered for subscription Sep 1972, by Akad. Druck-Verlagsanst., Graz.
(4) *Illustrationes selectae Aracearum*, a volume of 60 col. plates reproduced from the originals in W, was offered for subscription ca. 1972 by Akad. Buch-Verlagsanst. Graz. The complee collection of drawings is now available on microfiche IDC 8801 (3300 drawings).
(5) For the publication of new taxa by Schott in the *Wiener Zeitschrift für Kunst, Literatur,*

Theater und Mode 1829-1830, see D.H. Nicolson, Taxon 31: 549-551. 1982 (set of journal at W). – Available on microfiche IDC 8866.
(6) 45 journal publications on Araceae, as listed in Taxon 14: 211-213. 1965, are available on microfiche IDC 8862.

11.034. *Tagebücher* des k.k. Gärtners, Hrn. H. Schott, in Brasilien, von dessen Reisen in die Campos am Paraiba und Paraibuna-Flusse [sic] und durch den Distrikt von Canta Gallo; dann nach Macaçu und am Flusse gleiches Nahmens, von Rio de Janeiro aus ... [Anhang, Nachrichten Brasilien, ed. K. v. Schreibers, Brünn (Bei Joseph Georg Trassler) 1820]. Oct. (*Tagebücher*).
Publ.: 1820 (p. 80: 18 Apr 1820), p. [1]-80, new Brazilian taxa in Anhang ii: [81]-114, [116, err.]. *Copy*: LC. – Appendix, independently paginated, to K. v. Schreibers, *Nachrichten von den kaiserl. österreichischen Naturforschern in Brasilien* und den Resultaten ihrer Betriebsamkeit. Aus den Amtsrelationen der k.k. Gesandtschaft am Hofe von Rio de Janeiro an das k.k. Ministerium der auswärtigen Angelegenheiten in Wien, aus den Berichten und Briefen der Naturforscher an den k.k. Hof-Naturalienkabinetsdirector, Herrn Karl von Schreibers, als Referenten des wissenschaftlichen Antheiles der Expedition, und nach Untersuchung und Befund der eingesendeten naturhistorischen Gegenstände der k.k. Hof-Naturalienkabinetsdirection. Brünn (Bei Joseph Georg Trassler) 1820. Oct.

11.035. *Neue brasilianische Pflanzen.* Gesammelt und nach der Natur beschrieben von Heinrich Schott, k.k. Gärtner in Brasilien. Erste Lieferung. Aus den medicinischen Jahrbüchern vi. Bd. ii. St. besonders abgedruckt [Wien, 1820]. Oct.
Publ.: 1820, p. [1]-9. *Copy*: G. – Reprinted and to be cited from Med. Jahrb. k.k. Oesterr. Staat. 6(2): 59-67. 1820. – Diagnoses reprinted in Flora 4(1): 196-198. 7 Apr 1821. – Not continued in this form but see below.
Second fascicle: 1827, Henrici Schott *fasciculus plantarum brasiliensium*, in K.P.J. Sprengel, Syst. veg. 4(2)(curae post.): 403-410. 1827.

11.036. *Meletemata botanica* auctoribus Henrico Schott & Stephano Endlicher. Vindobonae [Wien] (typis Caroli Gerold) 1832. Fol. (*Melet. bot.*).
Co-author: Stephan Ladislaus Endlicher (1804-1849).
Publ.: 1832, p. [i, iii], [1]-36, *pl. 1-5* (uncol. liths. by J. Zehner). *Copies*: G, HH, NY, USDA; IDC 722. – Authorship of new genera is joint except where abbreviated names are appended (e.g. "Schtt" for Schott in the Araceae). Ten copies were sent by Endlicher to Bentham, (letter K on 9 Jan 1834; on 12 Mai 1833 Endlicher states that only 50 copies were issued, none of them for sale. This accounts for the rarity of the book as well for the circumstance that the book is rarely mentioned in the contemporary literature.
Facsimile ed.: Dec 1964, published by J. Cramer (Weinheim), Christmas gift; 100 copies. No new text; the reprint is identified by a label on p. 2 of the cover. *Copies*: B, FAS(2), Nicolson, U.
Ref.: Guillemin, A., Arch. bot. 1: 246-252, 422-428. 1833.
Hooker, W.J., J. Bot. 1: 161. 1834.

11.037. *Rutaceae.* Fragmenta botanica, auctore H. Schott. Vindobonae [Wien] (apud Joannem Bapt. Wallishausser) 1834. Fol. (*Rutaceae*).
Publ.: 1834, p. [i-iii], [1]-14, *pl. 1-7* (uncol. liths. J. Oberer, J. Zehner, Fe. Bauer). *Copies*: B-S, G, HH, USDA. – See also Ann. Sci. nat. Bot. ser. 2: 230-234. 1834.

11.038. *Genera filicum.* Auctore H. Schott. Vindobonae [Wien] (Apud Joan. Bapt. Wallishauser) 1834 [-1836]. Qu. (oblong). (*Gen. fil.*).
Publ.: 1834-1836, in 4 fascicles, p. [i, t.p., iii dedication to Ferdinand I, issued with fasc. 4), *20 pl.* each with 2 p. text (uncol. liths. auct.). *Copies*: B-S, BR, HH, MO, NY, PH, U, USDA. – The contents of the parts are given in the reviews in Linnaea (Copies BR, HH and NY have only fasc. 1-3).
Facsimile ed.: 1903; Naturae Novitates for Oct(1) 1902. The book is offered for sale again with fasc. 1-3 "in photolithographischem Facsimile-Neudruck". (n.v.).
Ref.: Bentham, G., Comp. Bot. Mag. 2: 189. 1836.

Fasc.	*plates*	dates	
1	*1-5*	1834	Gersdorf 28 Feb 1835; Linnaea 9 (Litt.): 92-95. 1834
2	*6-10*	1834	Gersdorf 28 Feb 1835
3	*11-15*	Jan-Mai 1835	Gersdorf 30 Mai 1835
4	*16-20*	Jan-Oct 1836	Linnaea 10 (Litt.): 174-175. 1836

11.039. *Die Sippen der österreichischen Primeln* von H. Schott. Wien (Druck von Carl Gerold und Sohn) 1851. Oct. (*Sippen österr. Primeln*).
Publ.: 1851, p. [1]-14. *Copies*: B-S, NY. – Further publications on Austrian *Primula*: Wilde Blendlinge ... 1852, see below and brief notes in Österr. bot. W. 2: 35-36, 267-268. 1852 and Verh. zool.-bot. Ver. Wien 3 (Abh.): 299-302. 1853.

11.040. *Wilde Blendlinge österreichischer Primeln.* Beobachtet von H. Schott. Wien (Druck von Carl Gerold und Sohn) 1852. Oct. (*Wilde Blendlinge österr. Primeln*).
Publ.: 1852, p. [1]-19, *pl. 1-6* (uncol. liths. J. Oberer). *Copies*: B-S, G, NY.

11.041. *Skizzen oesterreichischer Ranunkelen* sectionis Allophanes. Von H. Schott, Wien (Druck von Carl Gerold & Sohn) 1852. Oct. (*Skizz. oesterr. Ranunk.*).
Publ.: 1852, p. [1]-15, [16], *pl. 1-6* (uncol. liths. Nicol. Zehner). *Copies*: G, NY, WU.

11.042. *Aroideae* ... Vindobonae [Wien] (typis Caroli Gerold et filii) 1853 [1857]. Fol. (*Aroideae*).
Publ.: 1853-1857, in six fascicles, p. [i], [1]-27, *pl. 1-60* (uncol.). *Copies*: B-S, HH, NSUB; IDC 8740.

Fasc.	pages	*plates*	dates
1	1-4	*1-10*	1853
2	5-14	*11-20*	Jan-Jul 1855
3	15-20	*21-30*	1855
4	21-27	*31-40*	1856-1857
5		*41-50*	1856-1857
6		*51-60*	before 15 Aug 1857

The date 1858 on p. 25 is possibly a printing error. Bonplandia 5: 245 (15 Aug 1857), announces the completion of this first volume. – The 60 plates (lithographs) are by J. Oberer, J. Seboth and E. Nickelli.
Facsimile ed.: subscription announced Sep 1972, Akad. Druck-Verlagsanst. Graz.
Ref.: Anon., Bonplandia 5: 245-247. 15 Aug 1857 (rev. fasc. 1-6).
Fenzl, E., Almanach Kais. Akad. Wiss. 15: 225. 1865.
Hooker, W.J., J. Bot. Kew Gard. Misc. 7: 224. Jul 1855 (fasc. 1-2 rev.), 9: 380. Dec 1817 (rev. fasc. 3-6).
Nicolson, D.H., unpublished memoir at Botany Dept., Smithsonian Institution.
Riedl, H., Taxon 14: 211. 1965.

11.043. *Ueber Aquilegien.* Von H. Schott (Aus den Berichten des zoologisch-botanischen Vereins [Wien] 1853). Oct.
Publ.: 1853, p. [1]-6. *Copy*: G. – Reprinted and to be cited from Verh. zool.-bot. Ver. Wien 3 (Abh.): 125-130. 1853.

11.044. *Analecta botanica.* Scripta a H. Schott, adjutoribus C.F. Nyman et Th. Kotschy. I. Vindobonae [Wien] (Typis Caroli Gerold & Filii) 1854. †. (*Analect. bot.*).
Contributors: Carl Fredrik Nyman (1820-1893), Carl Georg Theodor Kotschy (1813-1866).
Publ.: Mar 1854 (p. viii "mense Martio"; Bot. Not. Nov-Dec 1854), p. [i]-viii, [1]-64. *Copies*: B, B-S, FI, G, HH, MO, NY, Teyler, USDA; IDC 699.
Commentary: A. Neilreich, *Über Schott's Analecta botanica*, Sitz.-Ber. Akad. Wiss., Wien 58(1): 552-574. 1868 (TL-2/6726), a study of Schott's new taxa on the basis of the

type specimens in his herbarium, then in the hands of Haynald, now at BP. – Neilreich states that Schott was indeed the real author and that the contributions by Nyman and Kotschy were negligible.

Extracts: Österr. bot. W. 5: 341-343, 349-351, 357-358, 366-367, 373-374, 381-391, 396-398, 406, 413-414. 1855, 6: 3-4, 14-15, 22-23, 29-30, 37-38, 45-46, 55. 1856.

Ref.: A.K., Flora 52: 323-325. 1869 (rev. Neilreich's paper).

11.045. *Araceen Betreffendes*. Von H. Schott. Wien (Druck von Carl Gerold und Sohn [2: Mechitharisten-Buchdruckerei] 1854-1855, 2 parts. Oct. (*Arac. Betreff.*).

1: 1854 (rd. 7 Jun 1854, Verh. zool.-bot. Ver., Wien 4: 72. 1854, Bonplandia 15 Aug 1854), p. [1]-15.

2: 1855 [?] (t.p.: 1855, but cited as received 6 Aug 1856, ib. 6: 67. 1856), p. [1]-22.

3: Allg. Gart.-Zeit. 23: 310-312. 1855.

Copies: G, MO, NY, USDA.

Ref.: Anon., Bonplandia 2: 185-186. 15 Aug 1854 (rev. part i).

11.046. *Synopsis Aroidearum* complectens enumerationem systematicam generum et specierum hujus ordinis. Auctore H. Schott. I. Vindobonae [Wien] (Typis Congregationis Mechitharisticae) 1856. Oct. †. (*Syn. Aroid.*).

Publ.: Mar 1856 (Bonplandia 15 Apr 1856; "M. Martio 1856), p. [i, iii], [1]-140. *Copies*: BR, G, HH, MO, NY, U, USDA; IDC 1032.

Ref.: Hooker, W.J., J. Bot. Kew Gard. Misc. 8: 224. Jul 1856.
Klotzsch, F., Bonplandia 4: 130-131. 1856 (rev.; date).
Schlechtendal, D.F.L. von, Bot. Zeit. 17: 368. 28 Oct 1859 (rev.).

Note: the book was printed by the print shop of the Mechitarists, an order of Armenian monks founded by Peter Mekhitar (1701, Constantinople) with a chief seat in San Lazzaro nr Venice, and an independent monastery in Vienna.

11.047. *Icones aroidearum* editae a H. Schott. Vindobonae [Wien] 1857 [-1859]. Fol. (*Icon. aroid.*).

Publ.: 1857-1859 [-1860?] (in four fascicles; Heft 1, *pl. 1-10* rev. Bonplandia 15 Aug 1857, Hooker (1857) Dec 1857; fasc. 4. by Jul 1861 BSbF; fasc. 2/3 came out in a combined Heft in 1857 or 1858), p. [i], *pl. 1-40* (uncol. liths. Joh. Oberer; originals in W). *Copies*: BR, FI, G, HH, NSUB, NY; IDC 1031. – Eduard Hölzel, bookseller in Olmütz announces in Bonplandia 7: 12. 15 Jan 1859 that he has received the book in Commission. Three Hefte, *30 pl.* are out and available in black and white and with coloured plates. From this announcement it is clear that by 15 Jan 1859 Heft 4 (*pl. 35-40*) had not yet been published. The fourth fascicle is announced as "recently published" by Bull. Soc. bot. France 8: 256. Jul 1860.

Ref.: Anon. Bonplandia 5: 247. 15 Aug 1857 (rev. fasc. 1, *pl. 1-10*).
Hooker, W.J., J. Bot. Kew Gard. Misc. 9: 380. Dec 1857 (rev. fasc. 1).

11.048. *Genera aroidearum* exposita a H. Schott ... Vindobonae [Wien] (Typis Caroli Ueberreuter. Prostat Olomucii apud Ed [sic] Hölzel). 1858. Fol. (*Gen. aroid.*).

Publ.: 1858 (in 10 Hefte, nos. 1-9 each with *10 pl.*, *1-10*, *11-20* etc., Heft 10 with *pl. 91-98*), p. [i-x], *pl. 1-98* each with 2 p. text (uncol. liths. E. Nickelli (also Nikelli), Jos. Seboth), [2] p. appendix. *Copies*: BR, FI, G, HH, MO (orig. covers, all dated 1858), NY, PH, U, US, USDA (orig. covers).

Ref.: Hölzel, Eduard, Bonplandia 7: 12. 15 Jan 1859 (all 10 Hefte available).

11.049. *Prodromus systematis Aroidearum*. Auctore H.G. Schott, ... Vindobonae [Wien] (Typis Congregationis Mechitharisticae) 1860. Oct. (*Prodr. syst. Aroid.*).

Publ.: 1 Mai-15 Aug 1860 (p. iii: Mai 1860; Bonplandia 15 Aug 1860), p. [i-v], [1]-602. *Copies*: BR (copy Alex. Braun), FI, G, H, HH, M, MICH, MO, NSW, NY, U, USDA; IDC 8845 (with annotations by author).

Facsimile ed.: Announced Sep 1972 by Akad. Druck-Verlagsanst., Graz.

Ref.: Klotzsch, Fr., Bonplandia 8: 260. 15 Aug 1860 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 18: 374-375. 23 Nov 1860.

Schottky, Ernst Max (1888-1915), German (Zürich-born) botanist; studied natural

sciences and geography at the University of Berlin; especially botany under A. Engler; Dr. phil. Berlin 1912; active in the "Wandervögel" movement; on active duty (war-time volunteer) in the German army 1914; fell at La Bassée on 12 Jan 1915. (*Schottky*).

HERBARIUM and TYPES: B (material on which his thesis was based; destr.).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 661; Barnhart 3: 239 (b. 17 Feb 1888, d. 22 Jan 1915); Biol.-Dokum. 16: 8279; BJI 2: 158; DTS 6(4): 194; Hortus 3: 1203; MW p. 440; WU 31: 251-253. 1836.

BIOFILE: Anon., Torreya 15: 60. 1915 (on correspondence from battlefield near Arras on ferns); Verh. bot. Ver. Brandenburg 57: 244. 1916 (d.).
Harms, H., Verh. bot. Ver. Brandenburg 58: 1-5. 1916 (obit.).
Schottky, E., Ernst Schottky's Lebensbeschreibung, von ihm selbst erzählt (1913), with additional text on 1914-1915 by the Schottky family *in* Gedenkblatt an Dr. Ernst Schottky, Kriegsfreiwilligen im 169. badischen Infanterie-Regiment, gefallen am 12 Januar 1915 bei La Bassee. Seinen Freunden und allen die ihm nahe standen gewidmet von der Familie Schottky. [Berlin, Rosenthal & Co., 7 p., *copy*: Engler coll. at DS].
Verdoorn, F., ed., Chron. bot. 3: 22. 1937.

11.050. *Die Eichen des extratropischen Ostasiens* und ihre pflanzengeographische Bedeutung. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin ... [1912]. Oct. (*Eichen extratrop. Ostas.*).
Publ.: 8 Mai 1912 (as thesis), p. [i-iii], [617]-707, [1, vita], *pl. 37*. *Copies*: B, FAS. – Preprinted from Bot. Jahrb. 47: [617]-707, [708, expl. *pl. 38*], *pl. 37-38*. – The map on *pl. 38* and the accompanying text on p. [708] of the journal are not included in the thesis.

Schousboe, Peder Kofod Anker (1766-1832), Danish botanist and traveller; studied botany in Copenhagen with e.g. Rottbøll; associated with the Copenhagen Botanical Garden and as such sent to collect in Spain and Morocco 1791-1793; counseller at the college of economic and commercial studies 1797; travelled in Spain and Portugal 1797-1798; consul for Denmark at Tangier 1801-1821, consul general 1821-1832. (*Schousb.*).

HERBARIUM and TYPES: C; main set of algae (and 431 unpublished plates) acquired by Cosson; now at PC. Other material in B-W (100 specim. from Portugal, extant), BM, BR, FI, GOET, K (927), KIEL, L, LD, P, S, UPS (Thunberg), W. Sets of algae collected by Schousboe were distributed, with identifications, by Thuret and Bornet, through L. Kralik in 1883. – *Exsiccatae*: *Algae Schousboeanae*, fasc. 1-4, nos. 1-494. 1883 (see E. Bornet, Rev. gen. Bot. 1: 5. 1889).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 661; Barnhart 3: 239 (bapt. 17 Aug 1766, d. 26 Feb 1832); BM 4: 1858; Frank 3 (Anh.): 92; Herder p. 218; Hortus 3: p. 1203; Jackson p. 351; KR 629-630; Lasègue p. 441, 504; PR 8343, ed. 1: 9264; Rehder 5: 777; TL-2/665; Tucker 1: 635; Urban-Berl. p. 268, 394, 415; Zander ed. 10, p. 713, ed. 11, p. 814.

BIOFILE: Anon., Bot. Zeit. 41: 487. 20 Jul 1883 (sets of algae distr. by L. Kralik); Dansk biogr. Leks. 21: 331. 1941.
Bornet, E., Mém. Soc. Natl. Sci. nat. math. Cherbourg 28: 165-376. 1892 (Les algues de P.-K.-A. Schousboe).
Candolle, Alph. de, Phytographie 448. 1880 (coll.).
Christensen, C., Dansk. bot. hist. 1: 123, 127, 153, 188, 250. 1924 (portr.), 2: 140-142. 1924 (bibl.), Dansk biogr. Leks. 21: 331. 1941.
Cosson, E., Comp. fl. atl. 1: 10-11, 90. 1881.
Cosson & Durieu, Exp. sci. Algérie, Bot. 2: xvii, xlv. 1868; Intr. fl. Alg. xvii.
Hornschuch, C.F., Flora 8(1): 315. 1825 (S. plans to publish a treatise on Mediterranean algae; many plates ready).

Hornemann, J., Nat. Tidskr. 1: 577-578. 1837.
Koster, J.T., Taxon 18: 557. 1969 (coll. algae).
Fischer-Benzon, R.J.D. von, *in* P. Prahl, Krit. Fl. Schlesw.-Holst. 2: 53. 1890.
Maire, R., Bull. Soc. Hist. nat. Afr. Nord 16: 4-7. 1925 (biogr. sketch, portr.).
Schouw, J.F., Flora 7(1): 286. 1824 (still actively coll. algae in Morocco).
Wagenitz, G., Index coll. princ. herb. Gott. 150. 1982.
Warming, E., Bot. Tidsskr. 12: 92-93. 1880 (bibl.).
Zimsen, E., The type material of I.C. Fabricius 13. 1964 (brief note; entomol. coll.).

COMPOSITE WORKS: J.B.E. Bornet, *Alg. Schousboe* 1892, TL-2/665; IDC (6344). – Treatment of the algae collected by Schousboe between 1815 and 1829; reviewed by P. Hariot, Bull. Soc. bot. France 40(bibl.): 137-139.
1893.

HANDWRITING: Webbia 32(1): 34 (no. 68). 1977.

EPONYMY: *Schousboea* Willdenow (1799); *Schousboea* H.C.F. Schumacher (1827).

11.051. *Iagttagelser over Vextriget i Marokko.* Förste Stykke Ved P.K.A. Schousboe ... Kjöbenhavn (Trykt for Forfatteren hos K.H. Seidelin] 1800. Qu. (*Iagttag. Vextrig. Marokko*).
Publ.: 1800 (preprint dated 1800; t.p. journal 1800(1): 1801), p. [1]-204, [1, err.], *pl. 1-4, 5a, 5b, 6-7* (uncol. copp.). *Copies*: B-S, HH. – Preprinted from K. Danske Vid. Selsk. Skr. 1800(1): 1-204 [205, err.], *pl. 1-4, 5a, 5b, 6-7*. 1801.
German transl.: 1801, Schr. phys. Klasse Kön. Dän. Ges. Wiss. Kopenhagen 1(1): [i]-xvi, [1]-186, *pl. 1-2*. 1801. – Also issued separately as "P.K.A. Schousboe's *Beobachtungen* über das Gewachsreich in Marokko gesammelt auf einer Reise in den Jahren 1791-1793. Erster Theil. Mit Kupfern. Aus dem Dänischen übersetzt von Johannes Ambrosius Markussen," Kopenhagen und Leipzig (bey Johann Heinrich Schubothe) 1801, Oct., p. [ii*-iii*], [i]-xvi, [1]-186, *pl. 1-2* (col.). *Copies*: G, HH.
French transl.: 1874, "Iagttagelser over Vextriget i Marokko. *Observations sur le règne végétal au Maroc* ... édition Française-Latine ... par le Dr E.-L. Bertherand ... et augmentée de la synononymie actuelle par M. le professeur J. Lange ..." Paris (chez J.-B. Baillière et fils, ...) 1874. Oct. (*Obs. règne vég. Maroc*), p. [i]-xvi, [1]-202, *pl. 1-4, 5a, 5b, 6, 7* (uncol. liths., de Labruyère). *Copies*: BR, G, HH, MO, USDA. – A copy was sent by Bertherand through Trabut to the Société botanique de Lyon from Algeria on 10 Mar 1874, see Ann. Soc. bot. Lyon 2: 43-44. 1875 (report séance 19 Mar 1874); J. Bot. Jun 1874; Bull. Soc. bot. France séance 13 Mar 1874. The book was printed in Algeria.

Schoute, Johannes Cornelis (1877-1942), Dutch botanist; studied at the University of Groningen, student of J.W. Moll; Dr. phil. Groningen 1902; assistant for botany ib. 1900-1902; in Buitenzorg, Indonesia 1903; with the State Seed Testing Station at Wageningen 1903-1907; high school teacher at Gouda 1908-1911; at Bussum 1911-1917; professor of botany at Groningen 1917-1931; in early retirement at Groningen dedicating himself mainly to research on plant morphology. (*Schoute*).

HERBARIUM and TYPES: GRO; duplicates at L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 239 (b. 16 Mai 1877); BFM no. 2443; Biol.-Dokum. 16: 8280; BJI 2: 158; BM 4: 1848; Hirsch p. 266; JW 1: 448, 2: 200, 4: 405 (q.v. for Dutch refs. to obits.); Moebius p. 209, 218, 220; SK 1: 475, 4: cxxix, cxli; TL-2/6219; Tucker 3: 274.

BIOFILE: Andreas, C.H., In en om een botanische tuin. Hortus Groningianus 1626-1966, p. 178, 179, 180, 182, 183, 184, 185. 1976.
Anon., Bot. Centralbl. 135: 64. 1917 (app. Groningen); Hedwigia 60: (93). 1918 (app. Groningen); Jaarb. Rijksuniv. Groningen 1917-1918: 43-44. 1918 (brief biogr. sketch); Nature 150: 542. 1942 (d.); Nieuwe Rotterdammer Courant 3 Jan 1942 (d. 2 Jan 1942, obit.) [this and other cuttings of notices in Dutch newspapers at L].

Danser, B.H., Vakbl. Biol. 23: 1-2. 1942.
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 307. 1938 (dir. bot. gard. GRON 1917-1931).
Iterson, G. van, Herdenking van Johannes Cornelis Schoute (16 Mei 1877-2 Januari 1942), Amsterdam, 1942, 23 p., reprinted from Jaarb. Ned. Akad. Wet. 1941-1942: 192-210. 1942 (obit., portr., bibl.).
Jansen, P. & W.H. Wachter, Ned. kruidk. Arch. 52: 1-6. 1942 (obit., portr.).
Kneucker, A., Allg. bot. Z. 23: 47. 1919 (app. Groningen).
Moll, J.W., Herb. Hort. bot. Groningen 34. 1918 (Palm herb. rd 1903).
Schoute, J.C., Curriculum vitae and bibl., mss. KNAW, Amsterdam, 2 p.; Verh. Kon. Ned. Akad. Wet., Nat. sect. 2. 46(1): 1-93. 1946 ("biomorphology in general", posth. publ.).
Verdoorn, F., ed., Chron. bot. 1: 27, 28, 31, 40, 216, 363. 1935, 2: 27, 28, 31, 37, 234. 1936, 3: 71, 204, 369, 937, 4: 30, 85, 478, 512, 514. 1938, 5: 202. 1939, 7: 233, 278, 279. 1943; Manual of Pteridology 639 [index]. 1938.

COMPOSITE WORKS: (1) Editor, J.W. Moll, *Phytography* 1934, TL-2/6219.
(2) *Morphology, in* F. Verdoorn, ed., *Manual of Pteridology* 1-64. 1938.
(3) *Anatomy, in* F. Verdoorn, ed., *Manual of Pteridology* 65-104. 1938.

11.052. *Über Zellteilungsvorgänge im Cambium* ... Amsterdam (Johannes Müller) 1902. Oct. (*Zellteil.-Vorg. Cambium*).
Publ.: Oct 1902 (cover dated; Nat. Nov. Dec(2) 1902), p. [1]-59, [60]. *Copy*: G. – Issued as Verh. Kon. Akad. Wet. Amsterdam sect. 2. 9(4). Oct 1902.
Ref.: Nordhausen, Bot. Zeit. 61(2): 148-150. 1903 (rev.).

11.053. J.C. Schoute. "*Die Stelär-Theorie*". Presented by Prof. J.W. Moll. Reprinted from: Proceedings of the meeting [of the Koninklijke Akademie van Wetenschappen te Amsterdam] of Saturday February 28, 1903. Oct.
Publ.: 25 Mar 1903 (on t.p. reprint/preprint), p. [i], [1]-5. *Copy*: B. – Reprinted or preprinted from Proc. Kon. Ned. Akad. Wetensch. 1902-1903: 497-501. 1903.

11.054. *Die Stelär-Theorie.* Proefschrift ter verkrijging van den graad van doctor in de plant- en dierkunde, aan de Rijksuniversiteit te Groningen, op gezag van den rector magnificus, ... tegen de bedenkingen der Faculteit in het openbaar te verdedigen, op Zaterdag 13 December 1902, des namiddags te 2 uur, door Johannes Cornelis Schoute, geboren te 's Gravenhage. Te Groningen bij P. Noordhoff, 1902. Oct. (*Stelär-Theorie*).
Publ.: 13 Dec 1902, p. [i-viii], [1]-182. *Copies*: B, HH, MO, U.
Commercial issue: 1903 (t.p.), p. [i-iv], [1]-175. *Copies*: G, HH, M, NY, PH, USDA. – "Die Stelär-Theorie von Dr. J.C. Schoute, ... Jena (Gustav Fischer), Groningen (P. Noordhoff) 1903. Oct.
Ref.: Solms, H., Bot. Zeit. 61(2): 147-148. 1903 (rev.).

11.055. *Die Bestockung der Getreides* ... Amsterdam (Johannes Müller) 1910. Oct. (*Bestock. Getreid.*).
Publ.: 1910, p. [i]-xix, [1]-491, [492]. *Copy*: M. – Issued as Verh. Kon. Akad. Wet. Amsterdam sect. 2. 15(2). 1910.

11.056. *Über das Dickenwachstum der Palmen* ... Leide [Leiden] (Librairie et Imprimerie ci-devant E.J. Brill) 1912. Oct.
Publ.: 1912 (Nat. Nov. Oct(2) 1912), p. [i-iii], [1]-209, *pl. 1-15* (uncol. liths.). *Copies*: B, G, HH, MO. – Reprinted with special t.p. and to be cited from Ann. Jard. bot. Buitenzorg ser. 2. 11: 1-209. 1912.

11.057. *On whorled phyllotaxis* i. Growth whorls ... Utrecht (Oosthoek) 1922. Oct.
Publ.: 1922, cover-t.p., p. [184]-206. *Copy*: G. – Reprinted and to be cited from Rec. Trav. bot. néerl. 19: [184]-206. 1922.

11.058. *On phytonism* ... Amsterdam (Druk de Bussy) 1931. Oct.

Publ.: 1931, cover-t.p., p. [82]-96. *Copy*: U. – Reprinted and to be cited from Rec. Trav. bot. néerl. 28: [82]-96. 1931.

11.059. *On the contort corolla* ... Reprinted from: Proceedings [Koninklijke Akademie van Wetenschappen te Amsterdam] 1931. Oct.
Publ.: 1931, cover-t.p., p. [1]-8. *Copy*: U. – Reprinted and to be cited from Proc. K. Akad. Wet. Amsterdam 34(8): [1077]-1084.

11.060. *On pleiomery and meiomery in the flower* ... Amsterdam (Druk de Bussy) 1932. Oct.
Publ.: 1912, p. [164]- 226. *Copies*: U(2). – Reprinted and to be cited from Rec. Trav. bot. néerl. 29: [164]-226. 1932.

11.061. *On the perianth aestivation in the Portulacaceae* and the Basellaceae ... Société botanique Néerlandaise 1935. Oct.
Publ.: 1935, cover-t.p., p. [396]-405. *Copy*: U. – Reprinted and to be cited from Rec. Trav. bot. néerl. 32: [396]-405. 1935.

11.062. *Observations on the inflorescense in the* family of the *Plumbaginaceae* and on the definitions of the four types of Monochasia ... Société botanique néerlandaise 1935. Oct.
Publ.: 1935, cover-t.p., p. [406]-429. *Copy*: U. – Reprinted and to be cited from Rec. Trav. bot. néerl. 32: 406-429. 1935.

11.063. *On corolla aestivation and phyllotaxis of floral phyllomes* ... Amsterdam (Noord-Hollandsche Uitgeversmaatschappij) 1935. Oct.
Publ.: 1935, p. [i, iii], [1]-77. *Copy*: U. – Issued as Verh. K. Akad. Wet. Amsterdam, sect. 2. 34(4): 1-77. 1935.

Schouw, Joakim Frederik (1789-1852), Danish botanist; Dr. phil. Copenhagen 1816; travelled in Germany, Italy, France and Switzerland 1816-1820; extraordinary professor of botany Copenhagen 1821; in Italy and Paris 1829-1830; journal editor 1831-1836, 1842-1846; teacher at the Copenhagen polytechnic 1832-1840; director of the Copenhagen botanical garden 1841; ordinary professor of botany ib. 1845; state counsel 1847; co-founder "Naturhistorisk Forening". (*Schouw*).

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BIOFILE: Anon., Bonplandia 1: 51, 110. 1853, 2: 267. 1854 (cogn. Leopoldina: Bergius); Bot. Zeit. 1: 783-784. 1843 (co-founder Naturh. For.), 4: 160. 1846 (ord. prof. bot.), 7: 224. 1849 (biogr. ref.), 10: 359. (succession), 925-926 (biogr. refs.) 1852; Flora 29: 223. 1846 (ord. prof.), 36: 32. 1852 (d.); Österr. bot. W. 2: 163. 1852 (d.); Proc. Linn. Soc. 2: 195-197. 1855 (obit.).
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COMPOSITE WORKS: (1) Edited (with J.M.L. Vahl) G.C. Oeder, *Fl. dan.* fasc. 40, 1843; see TL-2/7001. – For complete bibliographic accounts of *Fl. dan.* see G. Buchheim, Huntia 3(3): 161-178. 1979 and C. Christensen, Dansk. Bot. Hist. 2: 558-560. 1926.
(2) Editor, *Dansk Tidsskrift* vols. 1-4, and 1 fasc. (25-27), 1847-1851.

NOTE: For further details on Schouw's many publications see Christensen, 1924, p. 165-179.

HANDWRITING: Candollea 33: 177-178. 1978.

EPONYMY: *Schouwia* A.P. de Candolle (1821, *nom. cons.*); *Schouwia* H.A. Schrader (1821, *nom. rej.*).

11.064. *Dissertatio de sedibus plantarum originariis.* Sectio prima. De pluribus cujusvis speciei individuis originariis statuendis. Quam pro summis in philosophia honoribus rite obtinendis publice defendet autor Joachimus Fredericus Schouw ... die 28 Septembris mdcccxvi. Havniae [Kjøbnhavn] (Typis H.F. Popp) [1816]. Oct. (*Diss. sedib. pl. orig.*).
Publ.: 28 Sep 1816, p. [i-ii], [1]-80. *Copies*: B-S, G, HH, NY.

11.065. *Schema til en systematisk Fremstilling af Plante-Geographien* eller Planternes Stedlære (Geographia plantarum s. Topologia plantarum) s.l.n.d. [Kjøbenhavn 1820-1821?]. Oct. (*Schema Fremstill. Pl. Geogr.*).
Publ.: 1820-21? (fide Christensen 1924, no. 5), p. [1]-8. *Copy*: G. – Reviewed by K.P.J. Sprengel, Neue Entdeck. 2: 343-346. 1821.

11.066. *Grundtræk til en almindelig plantegeographie.* Ved Joakim Frederik Schouw,... Kjøbenhavn (Paa den Gyldendalske Boghandlings Forlag ...) 1822. [i.e. 1823]. Oct. (*Grundtr. pl. geogr.*).
Publ.: 1 Feb 1823 (see Christensen, 1924, no. 14a; t.p. 1822), p. [i]-viii, [1]-463, [464], [1-2, err.], charts *1-4*. *Copies*: B-S, G, MO, NY, USDA. – For *atlas* see below *Plantegeogr. Atl.* 1824.
German transl.: 1823, p. [i]-viii, [1]-524, [1-4, err.], charts *1-4*. *Copies*: B-G, B-S, BR, G, MO, NY, PH. – *Grundzüge einer allgemeinen Pflanzengeographie* ... aus dem Dänischen übersetzt vom Verfasser ... Berlin (Gedruckt und verlegt bei G. Reimer) 1823. Oct. – *Review*: Anon., Flora 8(1), Beibl. 2: 65-84. Mar-Mai 1825. – For *atlas* see below.
French transl.(partial): Nouv. Ann. Voyages 18: 385-401. 1823, 19: 98-109. 1823, 21: 385-396. 1824 (*Élémens d'une géographie générale des plantes*). – See also Bull. Soc. Géogr. 6: 127-142. 1826 ("*Essai sur la géographie botanique*").
English extracts: Edinb. philos. J. 11: 360-367. 1824, 12: 128-137. 1825, 14: 34-38. 1826; Edinb. J. Sci. 1826(7).

11.067. *Plantegeografisk atlas* af J.F. Schouw, ... (Henhörende til sammes Grundtræk til

en almindelig Plantegeographie). Kjöbenhavn (trykt paa Forfatterens Forlag hos Directeur Jens Hostrup Schultz ...) 1824. Fol. (*Plantegeogr. Atl.*).

Publ.: 1824, p. [i-iii], maps 1-12 (each map on two lvs.) (col. copp.). *Copy*: B-S. – Christensen 15b.

German: 1823 (t.p.), p. [i], maps 1-12 (id.), [1, expl. maps]. *Copies*: B-G, BR, G, NY. – "*Pflanzengeographischer Atlas* zur Erläuterung von Schouws Grundzügen einer allgemeinen Pflanzengeographie". Berlin (Verlegt bey G. Reimer) 1823. Fol. – See also G. Reimer, Flora 7(2): 576. 1824 on some defectively coloured maps which will be replaced. Corrected copies ("Musterexemplare") were on show in various bookshops. The NY copy is such a "Musterexemplar". A note by Christensen (under 15b) indicates that the same situation arose with the first copies of the (later) Danish edition.

11.068. *Prospetto di una descrizione geografica delle piante d'Italia* e di Sicilia, con un saggio di monografia delle specie del genere Campanula indigene d'Italia ... [Pavia (Giorn. di Fis.) 1824]. Qu.

Publ.: 1824, p. [1]-24. *Copy*: G. – Reprinted from Giorn. fis. chim. storia nat. Pavia 7: 23-45. 1824.

German: Isis, Oken, 1821(1): 363-379. 1821, "Plan einer pflanzengeographischen Uebersicht von Italien und Sizilien", with a Latin review of the Italian species of *Campanula*.

11.069. *Specimen geographiae physicae comparativae* auctore Dr. Joach. Fred. Schouw, ... Hauniae [Kjöbenhavn] (typis excudit Janus Hostrup Schultz, ...) 1828. Qu. (*Spec. geogr. phys. compar.*).

Publ.: 1828, p. [1]-65, 3 charts. *Copies*: FI, H. – Reprinted from Anniversaria ... Univ. Hauniensis 1828, 1-65, 3 charts (journal issue n.v., fide Christensen 29a). – A comparison of the floras of the Alps, Pyrenees an the Scandinavian Mts.

Danish: Overs. Vid. Selsk. Forh. 1827-28: 9-13, Vid.-Selsk. Skr. 4: xxi-xxiv. 1829 (Christensen 29b).

German: Bot. Litt.-Blätt. 4: 10-16. 1830; Ann. Erd-Völk. Staatenk. 1: 1-29, 137-156, 3 charts (Christensen 29c, d) (*Die Floren der Alpen, der Pyrenäen ... dargestellt*).

French: Nouv. Ann. Voy. 1838(3): 64-72. (*Essai de géographie physique comparée*).

11.070. *Erindrings-Ord* til en Forelæsning over de plantegeographiske Riger ... [Kjöbenhavn (Trykt i det Brünnichske Bogtrykkerie) Juli 1833. Oct. (*Erindrings-Ord*).

Publ.: Jul 1833 (p. 24), p. [1]-24. *Copy*: NY. – Christensen 39a.

German: Linnaea 8: 625-652. 1834. – *Momente zu einer Vorlesung über die pflanzengeographischen Reiche.*

French: Ann. Sci. nat. Bot. ser. 2. 3: 117-143. Mar 1835. – *Esquisse d'un cours sur la géographie des plantes*, translated from the German version.

11.071. *Natur-Skildringer*. En Række af almeenfattelige Forelæsninger ... Kiøbenhavn (Paa den Gyldendalske Boghandlings Forlag ...) 1837. Oct. (*Natur-Skildr.*)

Ed. 1: 1837, p. [i-iv], [1]-176, *pl. 1-2*. *Copy*: MO. – Christensen no. 59a; for later Danish editions see his no. 59a (also "Anden Udgave. 1839") and 78, 96.

Note: see Christensen for the various German editions (59b,94, 95) for the English 94b. The "neueste und vollständigste Ausgabe" of the *Naturschilderungen*, Cassel (Ernst Bolde/1854, 2 vols. (p. [i-v], [1]-256 and [i-vii], [1]-224, [i]-xvi, Christensen no. 95, has a biography of Schouw by the translator ("frei nach dem Dänischen"), G.F. von Jenssen-Tusch on p. [i]-xvi. – Parts of the *Natur-Skildringer* were also used for *Die Erde, die Pflanzen und der Mensch*, 1851 and *The earth, plants, and man*, 1852, see below.

11.072. *Tableau du climat et de la végétation de l'Italie* résultat de deux voyages en ce pays dans les années 1817-1819 et 1829-1830; ... vol. i. Tableau de la température et des pluies de l'Italie ... Copenhague [Kjøbnhavn] Librairie Gyldendal. Imprimerie de Bianco Luno] 1839. †. Qu. (*Tabl. clim. vég. Italie*).

Publ.: 1839 (p. x: Jul 1839), p. [i]-x, [1]-227, *pl. 1-5*. *Copies*: G, HH. – This first volume (only one published) is not botanical. A second t.p. has *Tableau du climat de l'Italie.*

11.073. *Ege- og Birke-Familiens* geographiske og historiske *Forhold i Italien*, ... Kjöbenhavn (trykt i Bianco Lunos Bogtrykkeri) 1847. Qu.
Publ.: 1847, p. [1]-24, *1 pl.* (2 maps). *Copy*: FI (inf. C. Steinberg). – Reprinted and to be cited from Dansk. Vid. Selsk. Skr. ser. 5 (nat. mat.) 1: 19-44, 45-52. 1847.
Preliminary notices: Overs. Dansk. Vid. Selsk. Forh. 1846: 107-111, 1847: 16-19.
German: in C.F. Hornschuch, Arch. skand. Beitr. Naturgesch. 2(3): 341-385. 2 maps. 1850.

11.074. *Foreløbig Fortegnelse over den kjøbenhavnske botaniske Haves Planter.* Indeholdende dem, der ere blevne undersøgte i Aarene 1842-1846 ... Kjøbenhavn (Trykt hos Directeur Jens Hostrup Schultz ...) 1847. Oct. (*Fortegn. bot. hav. Pl.*).
Publ.: 1847 (p. [iv]: 1 Jun 1847), p. [i-iv], [1]-176. *Copy*: MO.

11.075. *Bemærkninger over en Samling af Blomstertegninger* i den kongelige Kobberstiksamling ... Kjöbenhavn (Trykt hos Kgl. Hofbogtrykker Bianco Luno) 1849. Qu.
Publ.: 1849, p. [1]-24. *Copy*: BR. – Reprinted and to be cited from Kgl. Dansk. Vid. Selsk. ser. 5. 2: 41-64. 1849. – See also id. 11: clxxx-clxxxiii. 1844 and Overs. Vid. Selsk. Forh. 1844: 77-81.

11.076. *Die Erde, die Pflanzen und der Mensch.* Populäre Naturschilderungen von Joakim Fredrik Schouw. Aus dem Dänischen unter Mitwirkung des Verfassers von H. Zeise. Mit der Biographie des Verfassers von P.L. Möller und seinem Portrait nach Marstrand. Leipzig (Verlag von Carl B. Lorck) 1851. Oct. (*Erde, Pfl., Mensch*).
Publ.: 1851, p. [i-ii], portr., [iii]-xviii, [xix], [1]-310, [311, colo.], *2 pl. Copies*: B, H, M. – Christensen 94a. – Ed. 2, xvi, 266 p., 1854 n.v. – Contains text from Naturskilderinger and other writings: Christensen 28, 59, 78, 85 and 90.
English: 1852, map, p. [i-iv], [1]-246. *Copies*: MO, PH. – Christensen 94b. – *The Earth, plants, and man.* Popular pictures of nature ... translated and edited [from the German ed.] by Arthur Henfrey, ... London (Henry G. Bohn, ...) 1852. Oct. (*Earth, pl., man*).

Schrader, Christian Friedrich (174.-1816), German (Prussian) botanist and clergyman; at a teacher's college in Halle, pastor at Burg; ultimately first pastor and inspector of schools and churches at Burg in the Jerichow district nr Magdeburg. (*C. Schrad.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 239 (d. 9 Jun 1816); BM 4: 1859; Dryander 3: 33, 122; Herder p. 142; Jackson p. 427; PR 8351-8352, ed. 1: 9275-9276; Rehder 1: 44, 254.

BIOFILE: Hamburger-Meusel, Gelehrte Deutschl. 7: 293-294. 1798, 10: 621. 1803, 20: 265. 1825.
Hultén, E., Bot. Not. 1940: 312. (expl. Alaska; coll. at US).

11.077. *Index plantarum horti botanici paedagogii regii Glauchensis.* Duod.
Publ.: 1772 (NZgS 18 Mar 1773), 52 p. (n.v.; copy at BM, Bloomsbury).

11.078. *Genera plantarum selecta* in usum tironum botanophilorum methodo tabellari adornavit M. Christianus Fridericus Schrader paedagogii regii inspector. Halae [Halle a.S.] (typis Orphanotrophei) 1780. Oct. (*Gen. pl. select.*).
Publ.: 1780, p. [1]-54. *Copies*: B, HH, NY.

Schrader, Frank Charles (1860-1940), American geologist and botanist; A.M. Harvard 1893; assistant entomologist Kansas 1889-1891; with Massachusetts Board of Agric. 1893-1894; teacher geology Harvard 1895-1896; assistant geologist and geologist U.S. Geol. Survey from 1896; as such on Capt. Abercrombie's Military Exploring Expedition in Alaska 1898-1902. (*F. Schrad.*).

HERBARIUM and TYPES: US (300 specimens Alaska, coll. 1898-1902).

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Marquis, A.N., ed., Who's who in America 8: 2072-2073. 1914.

11.079. *A reconnaissance in northern Alaska* across the Rocky Mountains, along Koyukuk, John, Anaktuvuk, and Colville Rivers, and the Arctic Coast to Cape Lisburne, in 1901 ... Washington (Government Printing Office) 1904. Oct. (*Reconn. n. Alaska*).
Publ.: 1904 (p. 9: 3 Aug 1903), p. [1]-139, *pl. 1-16. Copy*: US. – Prof. Paper U.S. Geol. Surv. no. 20, 1904. – Plants on p. 130-134.

Schrader, Heinrich Adolph (1767-1836), German (Hildesheim/Hannover) botanist; Dr. med. Göttingen 1795; lecturer (1797); extra-ordinary professor (1802/3) and regular professor of botany (1809) at Göttingen University; director of the Göttingen botanical garden 1802/3-1836, succeeding G.F. Hoffman. (*Schrad.*).

HERBARIUM and TYPES: LE. – Other material at B (mainly destr.), BP, FI (garden pl.), G (through herb. Ventenat), GOET (incidental and exsicc.), H-ACH, LIV, LZ (destr.), M, UPS (gard. pl.), PH (grasses and sedges through Muhlenberg). – *Exsiccatae*: *Systematische Sammlung cryptogamischer Gewächse*, fasc. 1-2, nos. 1-174, Göttingen 1767-1795 (1: nos. 1-90, 1796, 2: nos. 91-174. 1797; 1-24 pterid., 25-91 mosses, 92-115 hep., 116-174 lich.). *Index*: Usteri, P., Ann. Bot. 20: 100-115. 1796, 22: 75-87. 1797. *Sets*: B (destr.), GOET, HAL, KIEL, L, M. – *Text* see below. – *Letters* to J.E. Smith at LINN; to D.F.L. von Schlechtendal at HAL; other letters at G.

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Wittrock, V.B., Acta Horti Berg. 3(2): 142. 1903 (on portr.).

COMPOSITE WORKS: Editor, with K.P.J. Sprengel and H.F. Link of *Jahrbücher der Gewächskunde* [1818]-1820 (only one volume published). See under K.P.J. Sprengel.

HANDWRITING: Webbia 32(1): 37. 1977 (no. 70).

NOTE: (1) D.F.L. von Schlechtendal published *Reliquiae Schraderianae* in Linnaea 12: 360-476. Apr-Sep 1838, containing those passages in the unpublished mansucripts left upon Schrader's death which "looked worth while to be published".
(2) Diagnoses of new species published by H.A. Schrader in *Index seminum horti academici goettingensis* 1831, 1832 were reprinted in Linnaea 8 (Litt.): 22-27. 1834; those in the Index for 1834 in Ann. Sci. nat., Bot. ser. 2. 6: 98-102. Aug 1836.
(3) For eponymy see addenda (last page volume).

11.080. *Spicilegium florae germanicae* ... pars prior ... Hannoverae (impensis Christiani Ritscheri). Oct. 1794. †. (*Spic. fl. germ.*).
Publ.: 16 Mai-5 Jun 1794 (p. [viii]: 16 Mai 1794; GGA 5 Jun 1794), p. [i-viii], [1]-194, *pl. 1-4* (uncol. copp., Besemann). *Copies*: B-S, FH, G, H, HH, M, MO, NY, US, USDA; IDC 213.
Ref.: Usteri, P., Neue Ann. Bot. 11: 158-161. 1796 (rev.).

11.081. *Sertum hannoveranum* seu plantae rariores quae in hortis regiis Hannoverae vicinis coluntur. Descriptae ab Henrico Adolpho Schrader delineatae et sculptae a Joanne Christophoro Wendland ... Goettingae [Göttingen] (prostat venale apud Vandenhoeck et Ruprecht) 1795-1798, 4 parts. †. Fol. (*Sert. hannov.*).
Co-author of parts 2 and 3, *author* of part 4 and *artist* of fasc. 1-4: Johann Christoph Wendland (1755-1828).
Publ.: in four parts 1795-1798, see below. *Copies*: G, HH, M(part 1); IDC 5724.
1: Apr-Mai 1795 (p. 6: Apr 1795; GGA 8 Jun 1795), p. [1]-12, *pl. 1-6*(col. copp. Wendland).
2: 1 Feb-5 Mar 1796 (GGA 5 Mar 1796), p. [13]-20, *pl. 7-12* (id.).
3: Dec 1797 (GGA 11 Jan 1798; t.p. 1797), p. [21]-28, *pl. 13-18* (id.).
4: Apr-Mai 1798 (GGA 28 Mai 1798), p. [1]-8, [9, ind.], *pl. 19-24*.
Continued by J.C. Wendland as *Hortus herrenhusanus*, 4 parts, 1798-1801.
Ref.: Usteri, P., Neue Ann. Bot. 9: 114-117. 1795 (rev. fasc. 1).

11.082. *Systematische Sammlung kryptogamischer Gewächse* ... Göttingen (gedruckt bey Johann Christian Dieterich) 1796-1797. 2 parts. (*Syst. Samml. krypt. Gew.*).
1: 1796, p. [1]-20.
2: 1797, p. [1]-16.
Copies: B-S, FH, G, H, MO-Steere, NY. – For the accompanying exsiccatae, see above under Herbarium and Types.

11.083. *Nova genera plantarum* ... Pars prima ... Lipsiae [Leipzig] (apud Siegfried Lebrecht Crusium) 1797. †. Fol. (*Nov. gen. pl.*).
Publ.: Mai 1797 (p. viii: Feb 1797; publ. Jubilatemesse [Jubilate: third Sunday after Easter] 1797, rev. GGA 27 Jan 1798), t.p., [i]-viii, [1]-32, *pl. 1-6* (col. copp., Jordan & Bernhardi). *Copies*: FH, FI, G, M, MO, NY, PH, Stevenson; IDC 5723.
Ref.: Anon., Int.-Bl. Neue Allg. deut. Bibl. 1797 (41): 324. Oct 1797.

11.084. *Journal für die Botanik.* Herausgegeben vom Medicinalrath Schrader. Erster

Band. 1799 ... Göttingen (bei Joh. Christ. Dieterich) 1799. Oct. [in all 5 vols., 1799-1804]. (*J. Bot.*).

Publ.: The original scheme was to publish 2 vols. (Bände) each year, in two parts (Stücke); volumes identified by year date followed by (1) or (2). This scheme could not be maintained: the one volume for 1801 came out between Apr 1803 and Apr 1804; Schrader then changed the title to *Neues Journal für die Botanik* and designated the volumes with numbers (1-4) only (see below). *Copies*: B-S, BR, FI, G, HH, H-UB, MO, NY, PH.

1799(1), *Stück 1*: Feb 1799, p. [i]-viii, [1]-272, *pl. 1-3* (uncol. copp.).

1799(2), *Stück 2*: Aug 1799, p. [i], [273]-526, [1, err.], *pl. 1-3* (id.); *preface matter* for entire volume: frontisp. portr. C.P. Thunberg, p. [i-vi].

1799(2), *Stück 1*: Sep 1799, p. [i*], [i]-lii, [1]-200, *pl. 1-3* (uncol. copp. O. Swartz).

1799(2), *Stück 2* (also as "Viertes Stück): Apr 1800, p. [i], [201]-502, *pl. 1-2* (uncol. copp.); t.p. vol. 2 for 1799: [i**], dated 1799, with frontisp. portr. N.J. Jacquin for entire volume.

1800(1), *Stück 1*: Jun 1800, [i-vi], [1]-220, *pl. 1/2, 3/4, 5-7* (id.).

1800(1), *Stück 2*: Apr 1801, p. [221]-446, [447-448], *pl. 1-2* (id.); t.p. vol. 1 for 1800: [i*], dated 1801; issued with frontisp. portr. M. Vahl for entire volume.

1800(2), *Stück 1, 2* "1800": Oct-Dec 1801 (Intell. Bl. Allg. Lit. Zeit. 5: 1994. 26 Dec 1801) (sic: second volume for 1800, 2 Stücke combined; t.p. dated 1801), frontisp. portr. J.E. Smith, p. [i-vi, [1]-487, *pl. 1, 2/3, 4-7* (id.).

1801(1), *Stück 1* "1801": Apr 1803 (first volume for 1801, 2 Stücke separate, t.p. Stück 1, 1802, publ. Apr 1803), p. [i]-vi, [1]-272, *pl. 1-2* (id.).

1801(1), *Stück 2* "1801": 13 Dec 1803 (GGA 13 Dec 1803), p. [i, t.p. volume dated 1803], [iii, t.p. Stück 2, dated 1803]-viii, 273-504, *pl. 1-4* (id.); also p. [i*], t.p. for entire volume 1800(1), with frontisp. portr. O. Swartz.

For details on the dates see G. Sayre (SY p. 73-75), M.J. van Steenis-Krusemann (Fl. males. Bull. 15: 742. 1960) and R.E.G. Pichi-Sermolli, Webbia 9: 418. 1953 and in lit. 23 Sep 1976.

year (Band)	vol. (Band)	pars (Stück)	pages	t.p. date	dates
1799	1	1	1-272	1799	Feb 1799
		2	273-526	1799	Aug 1799
	2	1	1-200	1799	Sep 1799
		2	201-500	–	Apr 1800
1800	2	1	1-220	1800	Jun 1800
		2	[221]-446	1801	Apr 1801
	2	1, 2	1-483	1801	Oct-Dec 1801
1801	1	1	1-272	Apr 1805	Apr 1803
		2	273-504	1803	Dec 1803-Apr 1804

11.085. *Abermahlige Revision der Gattung Usnea* in des Herrn Professor's Hoffmann Flora Deutschlands zweiten Theile ... Beleuchtung der in der Jenaer Literatur-Zeitung Nro. 240. 1799 befindlichen Recension des ersten Stucks des botanischen Journals ... Göttingen (Bei Johann Christian Dieterich) 1799. Oct. (*Abermahl. Revis. Usnea*).

Publ.: Aug-Dec 1799 (p. lii: Aug 1799), p. [i*], [i]-lii. 1799. *Copies*: G, H-UB. – The original revision was published in Schrader, J. Bot. 1: 42-85. Feb 1799 ("Über die Gattung Usnea, nebst einigen vorausgeschickten Bemerkungen über der zweiten Theil der Hoffmannischen Flora Deutschland"). For G.F. Hoffmann, *Deutschl. Fl.* 2(Crypt.), 1795 see TL-2/2887. We have not seen the review of this first paper in the Jenaer Literatur-Zeitung 240, 1799.

11.086. *Commentatio super Veronicis spicatis* Linnaei. Qua orationem pro obeundo professoris medicinae extraordinarii munere n. a.d. [mss.: iii] junii mdccciii habendam indicit ad eamque adiendam invitat H.A. Schrader, ... Gottingae [Göttingen] (apud Henricum Dieterich) 1803. Oct. (*Comm. Veronic. spic.*).

Oration: 3 Jun 1803 or somewhat earlier, p. [1]-40, *pl. 1-2* (uncol. copp.). *Copy*: PH.

Commercial edition: 3 Jun-13 Aug 1803 (GGA 13 Aug 1803), p. [1]-40, *pl. 1-2* (id.). *Copies*:

B, FI, G, MO, NY. – Extensive summary in GGA 1803 (130): 1289-1297. 13 Aug 1803.

11.087. *Neues Journal für die Botanik* ... Erfurt (bei Friedrich August Knick) 1805-1810, 4 vols. Oct. (*Neu. J. Bot.*).

Publ.: 1805-1810 in 4 volumes, each published in parts (Stücke). Contrary to the *J. Bot.* (see above) the volumes are numbered in sequence and not by year. *Copies*: B-S, BR, FI, G, H-UB, HH, MO, NY, USDA.

1(1): Jun 1805, p. [i-vi], [1]-184, *1 pl.* (uncol. copp.).

1(2): Nov 1805 (t.p. "1806"), p. [i-iv], [1]-204, [1-4, adv.], *pl. 2-3* (id.).

1(3): Jan 1806, p. [i-iv], [1]-200, *pl. 4-6* (id.) and [i*] volume t.p. with frontisp. portr. A.J. Cavanilles.

2(1): Jan-Jun 1807, p. [i-iv], [1]-172, *pl. 1-2* (id.).

2(2, 3): Jan-Jul 1808, frontisp. portr. A.L. Jussieu, p. [i-vi], [1]-376, *pl. 3* (id.); with [i*] t.p. volume and frontisp. portr. A.L. de Jussieu.

3(1, 2): Apr 1809, frontisp. portr. C.L. Willdenow, p. [i-iv], [1]-260, *pl. 1.* – Erfurt (bei Knick und Müller) mentions books, publ. Jubilate Messe 1809.

3(3, 4): Sep 1809, p. [i-iv], [1]-294, *pl. 2-3.* – Erfurt (bei J.C. Müller), with p. [i*] t.p. for entire volume and frontisp. portr. C.L. Willdenow.

4(1, 2): Dec 1810, p. [i]-iv, [1]-288, *pl. 1-2* (id., Besemann). – Göttingen (Justus Friedrich Danckwerts).

4(3, 4): was announced for the the Jubilate-Messe (Mai) 1811, but never published. For dates see e.g. G. Sayre (SY p. 73-75) and R.E.G. Pichi-Sermolli, Webbia 8: 436-442. 1952.

(Band)	(Stück)	pages	title-page date	dates
1	1	1-184	1805	Jun 1805
	2	1-204	1806	Oct-Nov 1805
	3	1-200	1806	Jan 1806
2	1	1-172	1807	Jan-Jun 1807
	2, 3	1-376	1807	Jan-Jun 1808
3	1, 2	1-260	1809	Apr 1809
	3, 4	1-294	1809	Sep 1809
4	1, 2	1-288	1810	1-10 Nov 1810

11.088. *Flora germanica* autore Henrico Adolpho Schrader. Tom. i. cum tabulis vi aeneis. Göttingae [Göttingen] (apud Henricum Dieterich) 1806. Oct. †. (*Fl. germ.*).

Publ.: 1806 (Bot. Zeit., Regensb. 31 Jul 1806), map, [1]-432, [1-12], *pl. 1-6* (uncol. copp., D. Bernhardi, Besemann). *Copies*: B, FH, FI, G, H, HH, L, M, MICH, MO, NY, PH, Teyler, US.

Ref.: Anon., Bot. Zeit. Regensb. 5: 209-218. 31 Jul 1806, 225-230. 15 Aug 1806.

11.089. *Genera nonnulla plantarum* emendata et observationibus illustrata ... Gottingae [Göttingen] (apud Henricum Dieterich) 1808. Qu.

Publ.: 1808, p. [1]-20, *pl. 1-5* (uncol. copp.). *Copies*: B-S, G, HH, KNAW, MO, NY. – Reprinted and to be cited from Comm. Soc. Reg. Sci. Gotting. 16: 125-140. 1808.

11.090. *Hortus gottingensis* seu plantae novae et rariores horti regii botanici gottngensis [sic] descriptae et iconibus illustratae opera. Gottingae [Göttingen] (apud Henricum Dieterich), 2 fasc., 1809-1811. Fol. (*Hort. gott.*).

Publ.: in two parts, 1809-1811. *Copies*: G (orig. covers fasc. 1, 2), MO (fasc. 1), NY, USDA; IDC 8579.

Fasc. 1: Mar-Apr 1809 (p. 6: 2 Mar 1809; GGA 1809(1): 361-374. 6 Mar 1809, Neu. J. Bot. 3(1, 2): 237-238. 1809, both probably by Schrader himself), p. [1]-14, *pl. 1-8* (col. copp. C.A. Besemann, C.A. Fischer).

Fasc. 2: 1811 (orig. cover fasc. 2 in G), p. 15-22, *p. 9-16* (id.).

11.091. *De Halophytis pallasii*, respectu imprimis ad Salsolam et Suaedam habito commentatio ... Gottingae (apud Henricum Dieterich) 1810. Qu. (*Haloph. pall.*).

Publ.: 1810 (t.p. reprint; cover copy WU has dedication to Trattinick by author dated 20 Mar 1811), p. [1]-20, *pl. 1-3* (uncol. copp. C.A. Besemann). *Copies*: FI, G, HH, KNAW, MICH, MO, Teyler, WU. – Preprinted or reprinted from Comm. Soc. reg. Sci. Gott. recent. 1[2]: 1-16, *pl. 1-3*. [1808-] 1811.
Prepublication: H.A. Schrader, *Über Pallas's Halophyta*, mit besonderer Rücksicht auf die Gattungen Salsola und Suaeda; von dem Herausgeber [read 21 Jan 1809], Neu. J. Bot. 3(2): 58-92. Apr 1809.

11.092. *Monographia generis Verbasci* ... Gottingae [Göttingen] (apud Henricum Dieterich) 1813-1823, 2 parts. Qu. (*Monogr. Verbasci*).
1: Oct-Dec 1813 (t.p. reprint; mss. submitted 25 Sep 1813), p. [1]-40, *pl. 1-5* (uncol. copp. C.A. Besemann). – Preprinted or reprinted from Comm. Soc. reg. Sci. Gott. recent. 2[5]: 1-36. [1811-] 1813.
2: 1823 (t.p. reprint; mss. submitted 28 Dec 1822), p. [3]-58, *pl. 1-3* (id. Eberlein). – Id. Cl. phys. 5: 149-202. 1819-1822, publ. 1823.
Copies: B-S, FI, G, H-UB, M, MO, MICH, NY, PH.

11.093. *De Asperifoliis* Linnei commentatio ... Gottingae [Göttingen] (apud Henricum Dieterich) 1820. Qu.
Publ.: Dec 1819 (in journal, GGA 27 Dec 1819; t.p. reprint 1820), p. [1]-26, *1 pl.* (uncol. copp., D. Meyer et Eberlein). *Copies*: B, G, HH, M, MO, NY. – Reprinted and to be cited from Comm. recent. Soc. reg. Sci. Gott. Cl. phys. 4: 175-196. Dec 1819.
Prepublished abstract: GGA 1819 (164-165): 1633-1642. 14 Oct 1819.

11.094. *Blumenbachia*, novum e Loasearum familia genus; adiectis observationibus super nonnullis aliis rarioribus aut minus cognitis plantis ... Gottingae [Göttingen] (sumtibus Dieterichianis) 1827. Qu. (*Blumenbachia*).
Publ.: 1827 (mss. submitted 18 Sep 1825; t.p. reprint 1827), p. [1]-54, *pl. 1-4* (uncol. copp.). *Copies*: B-S, FI, G, HH, MO, NY. – Reprinted or preprinted from Comm. recent. Soc. reg. Sci. Gott., Cl. Phys. 6: 91-140. 1828. – The name *Blumenbachia* H.A. Schrader was validly published in Gött. gel. Anz. 1825: 1705-1710. 24 Oct 1825, a paper which gives the main contents of the 1827 publication (name, as nom. nud., also in GGA 1825: 1585. 3 Oct 1825).
Ref.: Schlechtendal, D.F.L. von, Linnaea 3(4): Litt.: 166-169. Oct 1828 (repeats, descriptions and diagnoses).

11.095. *Analecta ad floram capensem.* I. Cyperaceae ... Gottingae [Göttingen] (sumtibus Dieterichianis) 1832. Qu. †.
Publ.: 1832 (t.p. reprint; mss. submitted 29 Sep 1831), p. [i-iii], [1]-55, [56], *pl. 1-4* (uncol. copp. C. Schmidt). *Copies*: B-S, FI, G, HH (journal pagination); IDC 5160. – Reprinted from Comm. recent. Soc. reg. Sci. Gott., Cl. phys. 7: 101-152. 1828-1831 [1832]. – See also GGA 1821, no. 208, p. 2065-2078 which speaks of a second instalment "Sect. ii. Cyperaceae, Gramineae"; this first part was treated in Gött. gel. Anz. 1819, no. 92.
Note: C.G. Nees von Esenbeck published his treatment of the Cyperaceae of the *Plantae Eckloniae* in Linnaea 7(4): 491-538. Jan 1832, which must be assumed to antedate the *Analecta*. See also C.G. Nees von Esenbeck, Linnaea 8(1): 75-94. Apr-Jul 1833 in which Nees compares his treatment of the Ecklon Cyperaceae with that of Schrader who had plants collected by Hesse.

11.095a. *Reliquiae Schraderianae.* H.A. Schrader's Lebensbeschreibung und hinterlassene unvollendete botanische Abhandlungen. Aus dem 12ten Bande der Linnaea besonders abgedruckt. Halle (Druck der Gebauerschen Buchdruckerei) 1838. Oct. (*Reliq. Schrad.*).
Editor: Diederich Franz Leonhard von Schlechtendal (1794-1866).
Publ.: Apr-Sep 1838 (in journal), p. [i], [1]-124. *Copy*: HH. – Reprinted and to be cited from Linnaea 12: 360-476. 1838. Contains passages in the unpublished manuscripts left upon Schrader's death which "looked worth while to be published", preceded (in the journal) by a biography on p. 353-359.

Schrader, Johann Christian Carl [Karl] (1762-1826), German (Prussian Saxony)

pharmacist; from 1796 owner of the pharmacy "am Königstor" in Berlin; from 1803 running a boarding school for young pharmacists. (*J.C.C. Schrad.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1860; CSP 5: 544-545, 6: 755, 8: 885; Dryander 3: 498; GR p. 176; LS 24187-24189; PR 8372-8373, ed. 1: 9222-9300.

BIOFILE: Anon., Neuer Nekrolog Deuts. 4: 871-874.
Hamberger-Meusel, Das gelehrte Deutschland 7: 295. 1798, 10: 622. 1803, 20: 268-269. 1825.
Müller, R.H.W. & R. Zaunick, Friedr. Traug. Kützing 59, 294. 1960.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 839-840. 1863 (b. 27 Sep 1792; d. 25 Apr 1826).
Rüffle, L., Ber. geol. Ges. D.D.R. 9: 402-404. 1964 (herb.; list collections).

11.096. *Die norddeutschen Arzneipflanzen* für Anfänger der Apothekerkunst ... Berlin (bey August Mylius, ...) 1792. Oct. (*Norddeut. Arzneipfl.*).
Publ.: 1792 (p. vi: 29 Sep 1791), p. [i]-xii, [1]-644, 4 charts. *Copy*: B-S.

Schrader, Johann Eduard Julius (1809-1898), German (Berlin/Prussian) librarian and botanist in Berlin; Dr. phil. Bonn 1834; student of C.F.P. von Martius, J.H. Link and L.C. Treviranus. (*J.E.J. Schrad.*).

HERBARIUM and TYPES: Arbeitsstelle für Paläobotanik, Deutsche Akademie der Wissenschaften, Berlin (Rüffle 1964). Other material at GOET.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1860; Herder p. 121; PR 8374, ed. 1: 9301; Rehder 1: 107.

BIOFILE: Rüffle, Ber. geol. Ges. DDR 9: 402-404. 1964 (on herb.).
Schrader, J.E.J., De monocot. dicot. gemm. diff. 1836, vita (b. 26 Dec 1809); studied in München, with Martius, Berlin, with Link, and Bonn, with Treviranus).
Wagenitz, G., Index coll. princ. herb. Gott. 101-151. 1982.

11.097. *De monocotyledonearum et dicotyledonearum circa gemmarum explicationem differentia.* Dissertatio inauguralis botanica quam ex auctoritate et consensu illustris philosophorum ordinis in Alma universitate regia Fridericia Wilhelmia rhenana pro gradu doctoris philosophiae rite capessendo conscripsit atque die xxix julii anni mdcccxxxiv publice defendet J.E.J. Schrader. Berolinensis ... Bonnae (typis Caroli Georgii) 1834. Oct. (*Monocot. dicot. gemm. diff.*).
Publ.: 29 Jul 1834, p. [i-vii], [1]-23. *Copies*: B-S, HH, NY.
Ref.: [Schlechtendal, D.F.L. von], Linnaea 9 (Litt.): 141-143. 1834.

Schrader, Wilhelm (1818-1895), German (Prussian-Saxony) mathematician, botanist and high school teacher; Dr. phil. Halle, teacher at Halle and Erfurt. (*W. Schrad.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1860; PR 8375.

BIOFILE: Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1210. 1898 (bibl.).

11.098. *Die Thüringer Flora* zum Schulgebrauche zusammengestellt ... Erfurt (Verlag von Carl Villaret) 1852. Oct. (*Thüring. Fl.*).
Publ.: Jul-Aug 1852 (p. [iii]: 7 Jun 1852; ÖbW 16 Sep 1852; Bot. Zeit. 27 Aug 1852), p. [i-iv], [1]-220. *Copy*: B.
Ref.: J., Bot. Zeit. 10: 610-511. 27 Aug 1852 (severely critical review).

Schramm, Alphons (1823-1875), French (Alsatian) government official and botanist in French Guiana and, from 1848-1873 in Guadeloupe. (*Schramm*).

HERBARIUM and TYPES: The original herbarium made jointly with H.P. Mazé (q.v.) was destroyed by fire in Guadeloupe in 1871. – Some material at B (destr.), PC and US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 240 (b. 1 Aug 1823, d. Mar 1875); BM 4: 1860; CSP 8: 885, 11: 341; De Toni 1: cxiii; Jackson p. 370; PR 8377; TL-2/5759, 7772, see H.P. Mazé.

BIOFILE: Anon., Bot. Zeit. 7: 679-680. 1849 (obit. notice).
Lindemann, E. von, Bull. Soc. imp. Natural. Moscou 61(1): 68. 1886.
Urban, I., Symb. ant. 1: 105-107. 1898, 3: 123. 1902.

COMPOSITE WORKS: With H.P. Mazé, *Essai alg. Guadeloupe*, see TL-2/5759. – *Note*: The date of the facsimile edition, Berlin (W. Junk) is given as 1904 by Bot. Centralbl. (14 Jun 1904) and Hewigia (15 Jul 1904).

EPONYMY: *Schrammia* P.A. Dangeard (1889); *Note*: *Schrammia* N.L. Britton et J.N. Rose (1930) probably honors J.R. Schramm (1885-?), American biologist and early editor of *Biological abstracts*.

Schramm, [Johannes] Augustin (1773-1849), German (Silesian) botanist and high school teacher at the royal roman-catholic gymnasium of Leobschütz. (*Aug. Schramm*).

HERBARIUM and TYPES: Unknown; a single specimen collected by him is mentioned by Lindemann (see TL-2/3: 41).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 240 (d. 9 Aug 1849); Biol.-Dokum. 16: 8283; BM 4:1860; Futak-Domin p. 530; PR 8378-8379, ed. 1: 9302-9303; Rehder 1: 380.

BIOFILE: Fiek, E., Fl. Schlesien 117. 1881.
Wimmer, F., Fl. Schlesien 149. 1844.

NOTE: Karl Traugott Schramm, at Dresden, about whom no further details are available to us, was the editor of the short lived botanical journal "*Mittheilungen über Flora*, Gesellschaft für Botanik und Gartenbau in Dresden", 3 Hefte, Dresden 1841-1843.

11.099. *Die Pflanzen des Leobschützer Stadtwaldes*, ein Unterrichtsmittel der Lehranstalt von Augustin Schramm, Professor am Königl. kathol. Gymnasium zu Leobschütz. Ratibor (Gedruckt bei F.M. Langer) 1833. Oct. (*Pfl. Leobschütz. Stadtwald.*).
Publ.: 1833, p. [1]-92. *Copies*: B, M.

11.100. *Die selteneren Pflanzen der schlesischen Flora* in den Umgebungen von Leobschütz, nebst einigen Beobachtungen über gemeinere von Prof. Schramm. Leobschütz (gedruckt bei Joseph Schubert) 1840. Oct. (*Selt. Pfl. schles. Fl.*).
Publ.: 1840, p. [i], [1]-45. *Copies*: B, B-S.

Schramm, Otto Christoph (1791-1863), German (Prussian) agronomist and botanist; in the Prussian army 1813-1815; from 1820 government employee for agronomy in Pommerania 1820-1844, ultimately as "Oekonomie-Kommissionsrat", in early retirement because of ill-health in Brandenburg a.d. Havel from 1845. (*O.C. Schramm*).

HERBARIUM and TYPES: Schramm had a large herbarium which he left to the Gymnasium and Realschule at Saldern, Brandenburg (Ascherson 1908). – Some material in H and REG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 240 (b. 24 Aug 1791, d. 4 Aug 1863); DTS 1: 271; Hegi 4(1): 50; PR 8376; Rehder 1: 384; Saccardo 1: 150; Tucker 3: 274.

BIOFILE: Anon., Flora 46: 415. 1863 (d.); Österr. bot. Z. 13: 375. 1863 (d.); Fl. Provinz Brandenburg 1: 13. 1864.
Ascherson, P., Verh. bot. Ver. Brandenburg 49: ii-vi. 1908 (brief biogr. sketch); Nachtr. Fl. Magdeburg 71. 1894.
Hechel, W., Verh. bot. Ver. Brandenburg 5: xviii-xxxv. 1863 (detailed obit., bibl.); Bot. Zeit. 22: 264. 1864.
Kukkonen, I., Herbarium Christ. Steven 90. 1971 (one specimen in herb. Steven).
Schlechtendal, D.F.L. von, Bot. Zeit. 21: 260. 1863.

11.101. *Flora von Brandenburg und Umgegend*, mit Berücksichtigung der Nachbarstädte Belzig, Genthin, Nauen, Rathenow und Werder ... Brandenburg (Verlag von J. Wiesike) 1857. Duod. (*Fl. Brandenburg*).
Publ.: 1857 (p. v: Spring 1857; ÖbW 20 Aug 1857; Flora 14 Jul 1857), p. [i]-v, [1]-233, [234, err.]. *Copies*: HH, NY.
Nachtrag: 1861 (p. 20), p. [1]-20. *Copies*: G, HH. – "Nachtrag zur Flora von Brandenburg" und Umgegend vom Oekonomie-Commissions-Rath Schramm ..."
Ref.: Ascherson, P., Bot. Zeit. 15: 782-784. 6 Nov 1857, Verh. bot. Ver. Brandenburg 3/4: 385-386. 1862 (rev.).
Anon., Flora 41: 745-747. 1858 (rev.).

Schrank, Franz von Paula von (1747-1835), German (Bavarian) botanist and entomologist; Jesuit teacher until the abolition of the order; ord. 1774; dean in Passau (1774), Wien (1775); Dr. theol. Wien 1775 (or 1776); professor of physics and mathematics in Amberg (1776); professor of botany and agronomy at Ingolstadt, later Landshut (1784-1809); first director of the botanical garden at München 1809-1832. (*Schrank*).

HERBARIUM and TYPES: M; types often in BR (gen. herb., through herb. Martius); some further material in FI, GDOR, H, P. – Hertel (1980) notes that the actual holdings at M of Schrank material are rather modest. There are no lichens mentioned in his "Baierischen Flora", whereas there are also few phanerogams. Schrank may have given material to Martius, which would now be in BR, but Hertel states also that v. Schrank was not really interested in collecting herbarium material. C.F.P. von Martius (1851) describes the Schrank collections as received in 1832. From this it appears that most collections handed over by v. Schrank in 1832 had indeed been made by others, but also "Dieselbe Begriff ... das Material zu des berühmten Naturforschers Flora von Bayern, ..." the whole in "42 Holzkästen aufgestellt". – *Letters* at G.

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COMPOSITE WORKS: (1) With C.F.P. von Martius, *Hort. reg. monac.* 1829, TL-2/5530. *Copies*: B-S, G, H, HH, M, NY, PH, USDA. – For authorship see p. vi.

HANDWRITING: Candollea 33: 179-180. 1978.

NOTE: (1) For an account by von Schrank himself on the history of the botanical garden at München see Flora 1: 533-559. 1818. With respect to contemporary criticism that

München, because of altitude and its allegedly not very fertile soil was not a suitable location for a botanical garden ("beynahe lächerlich), v. Schrank remarks: "Man würde weniger deräsonniren, wenn mann über nichts räsonnirete, was man nicht versteht". The present glorious state of the garden bears out Schrank's early and wise judgment.

NOTE: (2) Main biography and bibliography: Zimmermann (1981).

EPONYMY: *Schrankia* Willdenowa (1806, *nom. cons.*). *Note*: *Schranckia* J.F. Gmelin (1791, *nom. rej.*); *Schrankia* Medikus (1792) and the derived name *Schranckiastrum* Hassler (1919) were probably also named for this author, but no etymology was given.

11.102. *Beyträge zur Naturgeschichte* von Franz von Paula Schrank Weltpriester ... Augsburg (verlegt von den Gebrüdern Veith) 1776. Oct. (*Beytr. Naturgesch.*).
Publ.: 1776, p. [i-viii], [1]-137, [138-140], *7 pl.* (uncol.copp. auct.). *Copies*: M, NSUB, PH. – Review: J. Beckman, ed., Phys.-oek. Bibl. 7: 469-472. 1776.

11.103. *Eine Centurie botanischer Anmerkungen* zu des Ritters von Linné Species plantarum, ... Erfurt (bey Georg Adam Keyser) 1781. Qu. (*Cent. bot. Anmerk.*).
Publ.: 1781, p. [1]-64. *Copies*: B-S, G, MO, NY. – Preprinted from Acta Acad. Elect. mogunt., Erfurt 3 (1780-1781) [art. 1]: 1-64. 1782. – SO 507. – Further *Botanische Bemerkungen* in Der Naturforscher 16: 174-202. 1781 and in Neue philos. Abh. baier. Akad. Wiss. 3: 277-304. 1783. See also *Botanische Rhapsodien*, Der Naturforscher 19: 116-128, *1 pl.* 1783.

11.104. *Allgemeine Anleitung*, die *Naturgeschichte* zu studiren ... München (bey Johann Baptist Strobl) 1783. Oct. (*Allg. Anleit. Naturgesch.*).
Publ.: 1783 (p. 12: 14 Horn. [Hornung, February] 1783; NZgS 17 Nov 1783, p. [1]-223. *Copy*: MO.

11.105. *Naturhistorische Briefe über Oestreich, Salzburg, Passau, und Berchtesgaden*, Salzburg (in der Joh. Jos. Mayers seel. Erbinn Buchhandlung) 1785, 2 vols. Oct. (*Naturhist. Briefe Oestreich*).
Co-author (junior): Karl [Maria] Ehrenbert Ritter von Moll (1760-1838), see TL-2/3: 554.
Publ.: 1785. *Copies*: HH, MO, NY; IDC 948.
1: 1785 (p. vi: 1 Sep 1784), p. [i-viii], [1]-332, [1-3, err.].
2: 1785 (p. xxx: 17 Mar 1785), p. [i]-xxx, [xxxi-xxxii], *2 pl.* (uncol. copp.), [1]-457, [458-460].

11.106. Franz von Paula Schrank ... *Baiersche Reise* ... München (bey Johann Baptist Strobl) 1786. Oct. (*Baier. Reise*).
Publ.: 1786 (p. x: 5 Apr 1786, GGA 18 Jan 1787), frontisp. portr. Schrank, p. [i-xiv], [1]-276, [1, err.], *pl. 1, 3* [*sic*] (uncol. copp.), 2 charts. *Copies*: G, HH, NY. – RS p. 141.

11.107. *Baiersche Flora* München (bey Joh. Bapt. Strobl 1789) 1789, 2 vols. Oct. (*Baier. Fl.*).
1: Jun-Dec 1789 (p. 67: end Vorrede, 1 Mai 1788), frontisp., [i-ii], [1]-753.
2: Jun-Dec 1789, [1]-670, [1-34, indexes, err.].
Copies: BR, G, H, HH, M, MO, NY, US; IDC 5727. – RS p. 141, ST p. 76.
Facsimile ed. of Vorrede: Sep 1964, p. [i-iii], [1]-67, additional text on cover. *Copies*: B, FAS, G.
Unauthorized extract: see Baier. Fl. Taschenbuch 1793, below.

11.108. *Primitiae florae salisburgensis* cum dissertatione praevia de discrimine plantarum ab animalibus. Francofurti ad Moenum [Frankfurt a.M.] (apud Varrentrapp et Wenner) 1792. Oct. (*Prim. fl. salisb.*).
Publ.: Apr-Mai 1792 (ST 76-77), frontisp. picture K.E. von Moll, p. [i]-xvi, [1]-240, *2 pl.* (uncol. copp., auct. and Ostermayer). *Copies*: B, BR, FI, H, HH, M, MICH, MO, NY, USDA; IDC 1127.

Ref.: Anon., Oberdeut. allg. Litt.-Zeit. 5(2): 331-334. 17 Aug 1792 (rev.).

11.109. *Vom Pflanzenschlafe* und von anverwandten Erscheinungen bey Pflanzen ... Ingolstadt (bey Johann Wilhelm Krüll, akad. Buchhändler) 1792. Oct. (*Pflanzenschlaf.*).
Publ.: Jan-Jun 1792 (p. [2]: 12 Dec 1791; Oberdeut. allg. Litt.-Zeit. 2 Jul 1792, rev.), p. [1]-55. *Copies*: M, NY, US.

11.110. *Reise nach den südlichen Gebirgen von Baiern*, in Hinsicht auf botanische, mineralogische, und ökonomische Gegenstände, nebst Nachrichten von den Sitten, der Kleidung, und andern Merkwürdigkeiten der Bewohner dieser Gegenden ec. ec. auf Befehl der kurfürstl. Akademie der Wissenschaften unternommen im Jahre 1788 ... München (bey Joseph Lindauer) 1793. Oct. (*Reise südl. Geb. Baiern*).
Publ.: 1793, frontisp., p. [i-xviii], [1]-418, [419-428, index]. *Copies*: G, M. – Copy at M with t.p. *Akademische Reise* gemacht im Jahre 1788.

11.111. Schranks *Baiersche Flora* zum bequemern Gebrauche als *Taschenbuch* in tabellarische Form gebracht. Mit einigen Aenderungen und Verbesserungen. Regensburg (in der Montag- und Weissischen Buchhandlung) 1793. Oct. (*Baier. Fl. Taschenb.*).
Publ.: 1793, p. [1]-352. *Copies*: HH, M, MICH. – See PR ed. 1, no. 9313. – Anonymous and unauthorized extract of *Baier. Fl.* 1789, see above. – Review: ALZ 4: 567-568. Dec 1793.

11.112. *Von den Nebengefässen der Pflanzen* und ihrem Nutzen ... Halle (bey Johann Jacob Gebauer) 1794. Oct. (*Nebengefäss. Pfl.*).
Publ.: 1794 (p. 94: 29 Mai 1792), p. [i], [1]-94, *pl. 1-3* (uncol. copp., Capieux). *Copies*: M, NY.

11.113. *Naturhistorische und ökonomische Briefe über das Donaumoor* ... Mannheim (bei Schwann und Götz) 1795. Qu. (*Naturhist. ökon. Briefe Donaumoor*).
Publ.: 1795 (preface dated 5 Aug 1794), p. [i-viii], [1]-211, [212-215], *1 pl.* (uncol. copp.). *Copy*: G.

11.114. *Sammlung naturhistorischer und physikalischer Aufsäze* [sic] ... Nürnberg (in der Raspeschen Buchhandlung) 1796. Oct. (*Samml. naturh. phys. Aufs.*).
Publ.: 1796 (p. xii: 5 Mar 1796), p. [i]-xvi, [1]-456, *pl. 1-7* (uncol. copp.). *Copies*: M, MO, NSUB, PH.

11.115. *Briefe naturhistorischen, physikalischen und ökonomischen Inhaltes* an Herrn Bernhard Sebastian Nau, ... Nebst drey vorausgeschickten naturhistorischen Abhandlungen ... Erlangen (bey Joh. Christ. Schubart) 1802. Oct. (*Briefe naturhist. Inh.*).
Publ.: 1802 (GGA 23 Jul 1803), p. [i-vii], [1]-384, *4 pl. Copies*: H-UB, NSUB. – Rev. GGA 1803 (118): 1179-1183. 23 Jul 1803.

11.116. *Grundriss einer Naturgeschichte der Pflanzen* ... Erlangen (bey Johann Christian Schubart) 1803. Oct. (*Grundr. Naturgesch. Pfl.*).
Publ.: 1803 (p. [x]: 28 Mar 1802; ALZ 19 Dec 1803), p. [i-xvi], [1]-452, [453-468, indexes]. *Copies*: B, HH, 783. – Review: ALZ 1803(4): 537-542. 1803.

11.117. *Catalogus plantarum horti academici Landishutani.* mdcccv. [Landshut 1805]. Qu. (*Cat. pl. hort. Landish.*).
Publ.: 1805, p. [i]-xii, [1]-43. *Copies*: HH, M.

11.118. *Flora monacensis* seu plantae sponte circa Monachium nascentes, quas pinxit et in lapide delineavit Joannes Nepomucenus Mayrhoffer. Commentarium perpetuum addidit Franciscus de Paula Schrank ... Monachii [München] (venditur in Instituto lithographico Scholae festivalis) 1811-1818, 4 vols. Broadsheet. (*Fl. monac.*).
Artist: Johann Nepomuk Mayrhoffer (1764-1832), see TL-2/3: 391.
Publ.: in 4 volumes, with 2 portraits and 400 coloured liths. with accompanying text; each text leaf carrying the same number as the accompanying plate. See DU 280, NI 1803; according to Thieme-Becker, Künstlerlex. 27: 383, J. Prestele was also involved

in this work. – We know nothing about a possible publication in parts even though this is likely.

1: 1811, [i, t.p.], engr. dedic., [iii-iv], plates with text nos. *1-100*.

2: 1814, p. [i], id. *pl. 101-200*.

3: 1816, portr. Schrank, [i], id. *pl. 201-300*. – "Venditur in Instituto lithographico Scholae festivalis et apud editorem Jo. Nep. Mayrhoffer".

4: 1818, portr. J.N. Mayrhoffer, [i,t.p.], id. *pl. 301-400*, [1-2, index].

Copies: BR, G, M, MO, NY. – Produced at the "Lithographische Kunstanstalt an der Feiertagsschule für Künstler und Techniker" München, an early German lithographic studio, under the direction of Hermann Mitterer. Mayrhoffer was one of the artists on the "Anstalt", he produced the first botanical lithographs (fide NI 1323).

11.119. *Catalogus plantarum* quae *Monachii* in horto regiae Academiae scientiarum anno mdcccxiv colebantur. Monachii [München] (typis Franc. Ser. Storno). [1814]. Oct. (*Cat. pl. Monach.*).

Publ.: 1814, p. [1]-56. *Copy*: M. – Anonymous, but Schrank was in charge of the garden in 1814.

11.120. *Plantae rariores horti academici monacensis*, descriptae et observationibus illustratae ... Monachii [München], [1817-] 1819 [-1822], 2 vols. Fol. (*Pl. rar. hort. monac.*).

Publ.: 2 vols., in 10 Hefte, 1817-1822, see below. The plates are accompanied by text leaves with text on recto, numbered in agreement with the accompanying plates. These are unsigned coloured liths.

1: 1817-1819, p. [i, t.p.], *pl. 1-13, 13 bis, 15-42, 43, 44-50* with text leaves "Fol." 1-13, 14 [sic acc. *plate 13 bis*], *15-42*, "*45*" [for 43], *44-50*.

2: 1820-1822, p. [i, t.p.], *pl. 51-100*, with idem text leaves "Fol." 51-100.

Copies: G, MICH (3 fasc.), MO (3 fasc.), Teyler; IDC 771. – See also DU 281, NI 1804, TL-1 and Stearn 1938 (dates). – E. Irmscher, in his Syst. Stud. Begon. trop. Südamerikas (1953), states on p. 12 that according to a note by Suessenguth, fasc. 6, *pl. 57* came out in 1817. In the absence of further details we cannot understand the discrepancy between Stearn's data (1938, accepted by us) and this statement.

vol.	part	*plates*	dates	vol.	part	*plates*	dates
1	1	*1-10*	Sep-Oct 1817	2	6	*51-60*	Apr-Mai 1820
	2	*11-20*	post Sep 1817		7	*61-70*	Jan-Jun 1821
	3	*21-30*	Apr-Mai 1819		8	*71-80*	Jan-Jun 1821
	4	*31-40*	Apr-Mai 1819		9	*81-90*	Jan-Jun 1821
	5	*41-50*	Jul 1819		10	*91-100*	Jan-Jun 1821

11.121. *Aufzählung einiger Pflanzen aus Labrador*, mit Anmerkungen ... [Denkschr. k.-baier. bot. Ges. Regensburg 1(2), 1818]. Qu.

Publ.: 1818, Denkschr. k.-baier. bot. Ges. Regensburg 1(2): [1]-30. 1818. – Description of plants collected by Benjamin Gottlieb Kohlmeister (b. 1775) in Labrador of which Schrank received a set. Other material from Kohlmeister is at BM, LINN and PH.

11.122. *Sammlung von Zierpflanzen* berichtigt und bestimmt von Franz von Paula von Schrank und nach der Natur gemahlt und auf Stein gezeichnet von Joseph Prestele ... München (Im Zeller'schen Kunst- und Commissions-Magazin) 1819. Fol. (*Samml. Zierpfl.*).

Publ.: 1819, p. [i-xv, list plates], *pl. 1-24* (uncol. liths. Joseph Prestele). *Copy*: Saint Vincent College, Library, Latrobe, Pa. (pl. 1-3, 8, 17 lacking from this copy; issued in 4 Hefte of 6 pl. each).

11.123. *Commentarius in Irideas capenses* ... Ratisbonae [Regensburg] (typis viduae Christ. E. Brenck) [1822]. Qu.

Publ.: 1822, p. [1]-63. *Copies*: G, M. – Reprinted and to be cited from Denkschr. k. baier. bot. Ges. Regensburg 2(1): [165]-224. 1822.

11.124. *De plantis Gnaphaloides* in genere, cum descriptionibus quarundam Capensium. [München, 1824].
Publ.: 1824 (in journal; reprint not dated), p. [1]-32. *Copy*: M. – Reprinted and to be cited from Denkschr. k. baier. Akad. Wiss. 8 (1821-1822): 141-172. 1824.

Schreber, Johann Christian Daniel von (1739-1810), German (Thüringian) botanist and zoologist; studied medicine, natural sciences and theology at Halle; Dr. med. Uppsala 1760 (with C. Linnaeus), practicing physician at Bützow, Mecklenburg with a readership at the University 1761; secretary of the "Oekonomische Gesellschaft" Leipzig 1764; third professor of medicine (incl. botany) ar Erlangen 1770; director of the Erlangen botanical garden 1773; professor of natural history ib. 1776; 1791 second, 1793 first professor of medicine; president of the Leopoldina 1791-1810. (*Schreb.*).

HERBARIUM and TYPES: M. – Some of the original drawings of the *Beschreibung der Gräser* at ER. Schreber's herbarium constitutes the basis of the Munich herbarium (acquired 1813). It contained about 12.000 species. Many collectors are represented (e.g. Swartz, Pallas, Forster, Thunberg, Vahl) whereas the entire Güldenstädt herbarium had been acquired by Schreber. The latter had himself collected numerous grasses and Cyperaceae. Some further material at LINN, MW, PH, SBT, US. – Letters to Adanson at HU; other letters at G. Some original drawings at ER (fide NI).

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Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 842. 1863.
Rees, M., Pflege Bot. Franken, Erlangen 22-24, 56. 1884.
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Stafleu, F.A., Taxon 12: 77. 1963; Linnaeus and the Linnaeans 145, 250, 255, 286. 1971; *in* G.S. Daniels & F.A. Stafleu, Taxon 23(1): 192. 1974 (portr.).
Stern, L., Gesch. Leist. Deutschl. Akad. Naturf. Leopoldina 39. 1952.
Urness, C., A naturalist in Russia 188 [index, 11 entries]. 1967.
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Z., Dict. Sci. méd., Biogr. méd. 7: 164-165. 1825 (bibl.).

COMPOSITE WORKS: (1) Editor, C. Linnaeus, *Amoen. acad. Schreb. ed.*, 1787-1790, TL-2/4754.
(2) Editor, P. Osbeck, *Reise Ostindien* 1765, TL-2/7122.
(3) With J. Sturm and D.H. Hoppe, *Trifolium*, Die Kleearten Deutschlands, *in* J. Sturm, Deutschl. Fl. Abt. 1, 15: [i-xv], *16 pl.* with text, Dec 1804, id. 16: *16 pl.* with text, 1804. – Schreber also contributed to Abt. 1. 26: 1808 (one species).
(4) Translation of C. Linnaeus, *Reisen durch Oeland und Gothland*, ... Halle (gedruckt und verlegt Johann Jacob Curt) 1764, 32, 364, 24 p., 2 maps, *pl. 1-3*, SO 207. – Original ed.: *Öland. Gothl. Resa* 1745, see TL-2/4737, SO 202.
(5) Translation of C. Linnaeus, *Reisen durch Westgothland*, ... 1765.

THESIS: *Theses medicae*, quas ... praeside ... Carolo Linnaeo ... publico submittet examini Jo. Christ. Dan. Schreber ... ad diem xiv junii anni mdcclx ... Upsaliae, 1760, 4 p., see SO 2110-2114.

HANDWRITING: Savage, S., Cat. Linn. Herb. fig. 64. 1945.

EPONYMY: *Schrebera* Linnaeus (1763, *nom. rej.*); *Schrebera* Retzius (1791); *Schrebera* Thunberg (1794); *Schrebera* Roxburgh (1799, *nom. cons.*); *Schreberoidea* Chesters (1957).

11.125. Johann Christian Schrebers, M.D. *Botanisch-oeconomische Abhandlung vom Grasbaue.* Preisschrift, welche die, in den öconomischen Nachrichten, darauf gesetzte Prämie erhalten ... Leipzig (bey Johann Wendler) 1763. (*Bot.-oecon. Abh. Grasbaue*).
Publ.: 1763, p. [i], [1]-154, [155-156, expl. pl.], *pl.* [*1*, n.v.] *2*. *Copies*: M, NY.

11.126. Joh. Christiani Danielis Schreberi ... *Icones et descriptiones plantarum* minus cognitarum. Decas i. Halae [Halle a.S.] (typis ex sumtibus Joh. Jac. Curt.). 1765. Fol. †. (*Icon. descr. pl.*).
Publ.: 1766 (p. [viii]: Mai 1765), p. [i-viii], [1]-20, *pl. 1-10* (uncol. copp. auct.). *Copies*: G, MO, NY; IDC 7132. – Based on plants collected by A. v. Gundelsheimer (companion Tournefort) in the Berlin herbarium (fide NI).

11.127. D. Johann Christian Daniel Schrebers ... *Beschreibung der Gräser* nebst ihren Abbildungen nach der Natur ... Leipzig (bey Siegfried Lebrecht Crusius [2: bey Fr. Chr. Wilh. Vogel]) [1766-] 1769-1810, 2 vols. Fol. (*Beschr. Gräs.*).

1: 1766-1769 (see below; p. [xiv]: Hornung [Feb] 1769), p. [i-xvi], [1]-154, *pl. 1-3*, [*4*], *5-20* (col. copp. C.L. Crusius, C.G. Geyser (*1-28*).– Errata sheet [xvi], sometimes bound at the end.

2: 1770-1810 (see below; p. vi: Apr 1810; t.p. dated 1810), p. [i-vi], 1-88, *pl. 21-29*, [*30*], *31-40* (id. C.L. Crusius, C.G. Geyser, J.D. Kretsch), 89-160, *pl. 41-54* (id. E.F.C. Lang; G.F. Hoffmann). – Some original plates at ER (fide NI).

Copies: B, B-S, BR, G, H, M, MO, NY, PH, Teyler, U, US, USDA; IDC 233.

vol.	fasc.	pages	*plates*	dates
1	1	1-36	*1, 2*	1766
	2	37-48	*3*, [*4*]	1767
	3	49-64	*5, 6*	1767
	4	65-108	*7-14*	1767
	5	109-146	*15-20*	1768
	6	147-154, t.p., pref.		1769
2	1	1-20	*21-24*	1770
	2	21-56	*25-29*	1772
	3	57-88	[*30*]-*40*	1779
	4	89-160, t.p., pref.	*41-54*	1810

The above information stems from annotations by J.H. Barnhart in A.S. Hitchcock's copy at the Smithsonian Institution. The contents of the fascicles 2-6 of the first volume are stated to be "merely probable". Part 1(4) may well have been published late 1767 or early 1768. – Part 4 of vol. 2, which came out only 1810, is sometimes called vol. 3; however, all copies seen by us have a t.p. for vol. 2, dated 1810.

Ref.: Fuchs, H.P., Bauhinia 1: 355-356. 1960.

11.128. *De Phasco* disserit et ad orationem muneris academici a serenissimo principe ac domino domino Christiano Friderico Carolo Alexandro ... rectore academiae magnificentissimo clementissime sibi demandati adeundi caussa d. [handwriting: xxv] aug. [1770] recitandam invitat D. Johannes Christianus Daniel Schreber ... Erlangae (ex officina Wolfgangi Waltheri) [1770]. Qu. (*De Phasco*).

Oration issue: 25 Aug 1770, p. [i*], [i]-xxii, *pl. 1-2* (uncol. copp. J.G. Köhler). *Copies*: HH, NY.

Commerical issue: Aug-Sep 1770 (p. iv* Aug 1770), p. [i**], [i*-iv*], [i]-xxii, *pl. 1-2* (id.). *Copies*: B-S, G, H, MO, NY, Teyler, US. – "*De Phasco* observationes quibus hoc genus muscorum vindicatur atque illustratur. Auctore D. Joh. Christiano Daniele Schrebero ..." Lipsiae (apud Sigf. Lebr. Crusium) 1770. Qu.

11.129. D. Jo. Christ. Dan. Schreberi ... *Spicilegium florae lipsicae* ... Lipsiae [Leipzig] (prostat in bibliopolio Dykiano) 1771. Oct. (*Spic. fl. lips.*).

Publ.: 9 Jul-25 Oct 1771 (p. [xii]: 9 Jul 1771; Jenaische gel. Zeit. 25 Oct 1771), p. [i-xii], [1]-148, [1-32, indexes, emend., err.]. *Copies*: B, BR, FH, G, H, MO, NY, USDA; IDC 5372. – The numbers accompanying the genera are those of G.R. Boehmer, *Fl. Lips. indig.* 1750, TL-2/582.

11.130. Joh. Ellis ... de *Dionaea muscipula* planta irritabili nuper detecta ad ... Car. a Linné ... epistola. Beschreibung der Dionaea muscipula einer neu entdeckten merkwürdigen empfindlichen Pflanze, in einem Schreiben an den Herrn ... von Linné von Herrn Johann Ellis. Aus dem Englischen übersezt [sic] und herausgegeben von D. Johann Christian Daniel Schreber .... Erlangen (in Verlag Wolfgang Walthers) 1771. Qu. (*Dionaea muscip.*).

Author of main part of text: John Ellis (1711-1776).

Publ.: 1771, p. [i]-xviii, *1 pl.* (col. copp.). *Copies*: G, NSUB. – Original English publication *Directions for bringing seeds* and plants, from the East-Indies and other distant countries, in a state of vegetation. London 1770, Qu. includes the description of *Dionaea muscipula* on p. 35-41. See Dryander 3: 277, 612.

Ed. 2: 1780, p. [i]-xxviii, *pl. 1-3* (col. copp. James Roberts). *Copies*: B, MO. – *Beschreibung der Dionaea muscipula* einer merkwürdigen empfindlichen Pflanze, in einem Schreiben an den Herrn Archiater und Ritter von Linné von Johann Ellis ... aus dem Englischen. Zwote Auflage mit der Beschreibung einer neuentdeckten Pflanze welche ohne Grund für die Dionaea ausgegeben werden wollen vermehrt von D. Johann Christian Daniel Schreber ... Erlangen (im Verlage Wolfgang Walthers) 1780. Qu.

11.131. Caroli a Linné ... *Materia medica* per regna tria naturae secundum genera differentias synonyma loca durationes culturas nomina simplicia praeparata qualitates modos potentias vires usus composita digesta. Editio altera auctior curante Jo. Christiano Dan. Schrebero ... Lipsiae et Erlangae (apud Wolfgang. Waltherum) 1772. Oct. (*Mat. med.*).
Ed. [*1*]: 1749, by C. Linnaeus, see TL-2/4751.
Ed. alt.: 1772 (pref. 13 Apr 1772), p. [i-xlvi], [1]-266, index R_6-Z_4, [1-2, err.], *1 pl.* (uncol. copp. Joh. G. Hallman). *Copies*: M, MO(2), NY. – SO 971.
Ed. [*3*]: 1773, pirated, Vindobonae (Typis Joann. Thom. nob. de Trattern), n.v., SO 972.
Ed. 4: 1782, p. [i-xlviii], [1]-304, [1-17, index]. *Copies*: HH, MO. – "... *Materia medica.* Editio quarto auctior ..." Lipsiae et Erlangae (id.), 1782. Oct. – SO 973.
Mantissa ed. 4: 1782, p. [1]-16. *Copy*: MO. – "*Mantissa* editioni quartae *Materiae medicae* b. equ. a Linné adjecta a D Jo. Christ. Dan. Schrebero". Erlangae [Erlangen] (sumtibus Wolfgang i Waltheri) 1782. Oct. – SO 974.
Ed. 5: 1787 (pref. 1 Feb 1787), p. [i-l], [1]-318, [1-15, index]. *Copies*: HH, MO. – "... *Materia medica.* Editio quinta auctior ..." Lipsiae et Erlangae (apud Wolfgangum Waltherum) 1787. Oct. – SO 975.

11.131a. *Plantarum verticillatarum unilabiatarum genera et species* ... Lipsiae [Leipzig] (apud Sigfr. Leb. Crusium) 1774. Qu. (*Pl. verticill. unilab. gen. sp.*).
Publ.: 1774 (GGA 17 Nov 1774; NZgS 18 Jul 1774), p. [i*-x*], [i]-lxxv, [lxxvi, err.], *1 pl.* (uncol. copp.). *Copies*: B-S, G, HH, L, M, MICH, MO, NY, PH, USDA; IDC 5728.
Original issue (n.v.): Sep 1773, lxxv p., *1 pl. Plantae verticillatae unilabiatae.* D. Erlangae, typ. Walther, fide PR 8399.

11.132. Caroli a Linné ... *Genera plantarum*, eorumque characteres naturales, secundum numerum, figuram, situm et proportionem omnium fructificationis partium. Editio octava post Reichardianum secunda prioribus longe auctior atque emendatior curante D. Jo. Christiano Dan. Schreber ... Francofurti ad Moenum [Frankfurt a.M] (sumtu Varrentrappii et Wenneri) 1789-1791. 2 vols. Oct. (*Gen. pl.*).
Original author: Carl Linnaeus (1707-1778), for ed. 1, and a list of subsequent editions, see TL-2/4714. The Schreber edition is ed. 8[a], SO 322.
1: Apr 1789, p. [i]-xxxii, [1]-379.
2: Mai 1791, p. [1]-8, [381]-872.
Copies: BR, G, HH, L, M, MO(2), PH, US(3), U, USDA; IDC 237. – For dates see Stafleu (1963) p. 77; see also TL-2/2238.
Ref.: Bryk, F., Taxon 3: 182-183. 1854.

Schreck, Christophorus Jacobus (*fl.* 1753), German (Bavarian) physician. (*Schreck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1862; Dryander 3: 470; PR ed. 1: 9335.

11.133. Dissertatio inauguralis botanico-medica *de Cynoglosso* quam divina adspirante gratia jussu et auctoritate gratiosae Facultatis medicae in inclyta universitate Altdorfina pro licentia summos in arte medica honores et privilegia doctoralia legitime impetrandi publico eruditorum examini submittet Christophorus Jacobus Schreck Lauffa-Noricus d. xxvi junii. A.S.R. mdccliii. Altdorfii-Noricorum Litteris Johannis Adami Hesselii [1753]. Qu. (*De Cynogl.*).
Publ.: 26 Jun 1753, p. [1]-32. *Copy*: B-S.

Schreiber, Franz (1839-?), German (Rhein-Hessen) botanist; Dr. phil. Bonn 1865. (*F. Schreiber*).

HERBARIUM and TYPES: Unknown. – *Letters* to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1862; PR 8402; Rehder 1: 133, 190.

BIOFILE: Schreiber, F., Fasc. vasor. 37-38. 1865 (vita, b. 5 Jun 1839, Mainz).

11.134. *Fasciculi vasorum* in primis Dicot. et Monocot. Dissertatio botanico quam ad summos in philosophia honores auctoritate amplissimi philosophorum ordinis in Alma litterarum Universitate Fridericia Guilielma Rhenana rite capessendos scripsit et una cum sententiis controversis die xxx. mensis martii anni mdccclxv publice defendet Franciscus Schreiber moguntinus .... Bonnae (formis Carthausianis) [1865]. Oct. (*Fasc. vasor.*).
Publ.: 30 Mar 1865, p. [i-iii], [1]-38, [39, theses]. *Copies*: B-S, MO, NY.

Schreiber, Hans (1859-1936), Bohemian-Austrian botanist; in charge of the German-Austrian moorland society at Staab in Bohemia. (*Ha. Schreiber*).

HERBARIUM and TYPES: CB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 240 (b. 25 Dec 1859, d. Jan 1936); BJI 2: 158; Futak-Domin p. 530-531; Klásterský p. 167; LS 39017-39018; Rehder 3: 296, 301, 308.

BIOFILE: Anon., Chron. bot. 3: 89. 1937 (d. early Jan 1936).
Murr, J., Neue Übers. Farn- Bl.-Pfl. Vorarlberg 1/2: xxi. 1923.
Schmid, B. & C. Thesing, Biol.-Kalend. 1: 309. 1914.

11.135. *Die Moore Vorarlbergs* und des Fürstentums Liechtenstein in naturwissenschaftlicher und technischer Beziehung. Herausgegeben vom Geschäftsleiter des Deutschösterreichischen Moorvereines Hans Schreiber auf Grund der Erhebungen der Vereins-Moorkommissäre Lorenz Blechinger, Richard Eberwein, Wilhelm von Eschwege, Franz Matouschek, Peter und Hans Schreiber ... Staab (Verlag des Deutschösterreichischen Moorvereines in Staab, Böhmen) 1910. Oct. (*Moore vorarlbergs*).
Publ.: Jan 1910 (p. viii: Jul 1909; ObZ for Jan 1910; Bot. Zeit. 1910, AbZ 15 Mai 1910), p. [i]-viii, [1]-177, map, *20 pl. Copies*: B, NY. – Mosses by Franz Matouschek (1871-?).
Ref.: Kneucker, A., Allg. bot. Z. 16: 59-60. 15 Apr 1910 (rev.).
Matouschek, F., Hedwigia 50: (19)-(20). 26 Apr 1910.
Note: similar treatments were published for other regions: *Die Moore Salzburgs* ... Staab, Jun 1913, 270 p., and *Moore des Böhmerwaldes* ... Praha 1924, 119 p.

Schreiber, Herrmann [Hermann?] **Rudolf Ferdinand** (1811-1853), German (Prussian) botanist. (*He. Schreiber*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 240 (b. 5 Nov 1811, d. 15 Apr 1853); CSP 5: 547; Tucker 1: 636.

NOTE: *Flora der Umgegend von Graben und Ludwigslust*, in Arch. Ver. Fr. Naturgesch. Meklenburg 7: 200-254. 1853 (rev. Bot. Zeit. 11 Nov 1853).

Schreibers, Carl Franz Anton [Ritter] **von** (1775-1852), Austrian zoologist and general naturalist; Dr. med. Wien 1798; practicing physician in Vienna from 1798-1805; lecturer for natural history at Vienna University 1802-1806; director of the united "k.k. Hof-Naturaliencabinete" (now Natural History Museum) at Vienna 1806-1852. (*Schreibers*).

HERBARIUM and TYPES: Unknown.

NOTE: (1) see H. Scholler 1952/53 for first names; Carl Nikolaus Joseph Schreibers (possibly his son) edited *C. Linnaei Epistolae*, 1841 (with S. Endlicher) (Hinrichs 19-25 Dec 1841).
(2) Schreibers' wife Isabella was the daughter of J.F. von Jacquin and edited the second volume of the latter's *Ecl. pl. rar.*, TL-2/3236.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 240 (b. 15 Aug 1775, d. 21 Mai 1852); BM 8: 1161; Bossert p. 355; DSB 12: 215-216. 1975 (N. Spjeldnaes); NI 1789; PR 5403, ed. 1: 9338 (names err.); SO 1231; Tucker 1: 636; WU 31: 283-287.

BIOFILE: Anon., Bonplandia 2: 267. 1854 (cognomen Leopoldina *Archias*; first names given as Carl Nicolaus Joseph; death notice); Bot. Zeit. 10: 925. 1852 (d. 21 Mai 1852, first names given (err.) as Karl Nikolaus Joseph); Flora 19: 126. 1836 ("Hofrath"), 36: 32. 1852 (d.); Österr. Lexik. 2: 1037. 1966.
Carpenter, M.M., Amer. Midl. Natural. 33(1): 93. 1935 (entom. biogr. ref.).
Dawson, W.R., Smith papers 86. 1934 (letter to J.E. Smith).
Fischer, E., Gutenberg Jahrb. 1933: 201-202 (Nature printed ills. meteorites).
Gräffer und Czikau, Oesterreichische National-Encyklopädie 4: 590-593. 1837.
Jessen, K.F.W., Bot. Gegenwart Vorzeit 298. 1864.
Marschall, A., Verh. zool.-bot. Ges. Wien 2(S.B.): 46-51. 1853 (obit.).
Neilreich, A., Verh. zool.-bot. Ver. 5: 50. 1855 (director nat. hist. mus. 1805; started the botanical division for which he attracted Trattinick as curator) [WU says director mus. 1806].
Nissen, C., Zool. Buchill. 374. 1969.
Poggendorff, J.C., Biogr. lit. Handw.-Buch 2: 843. 1863.
Schmid, G., Goethe u.d. Naturw. 575, 617. 1900.
Scholler, H., Ann. Naturh. Mus. Wien 59: 23-48. 1953 (biogr., portr., bibl.).

EPONYMY: *Schreibersia* Pohl ex Endlicher (1838).

11.136. *Nachrichten von den* kaiserl. *österreichischen Naturforschern in Brasilien* und den Resultaten ihrer Betriebsamkeit. Aus den Amtsrelationen der k.k. Gesandtschaft am Hofe von Rio de Janeiro an das k.k. Ministerium der auswärtigen Angelegenheiten in Wien, aus den Berichten und Briefen der Naturforscher an den k.k. Hof-Naturalienkabinettesdirector, Herrn Karl v. Schreibers, als Referenten des wissenschaftlichen Antheils der Expedition, und nach Untersuchung und Befund der eingesendeten naturhistorischen Gegenstände der k.k. Hof-Naturalienkabinetts-Direction. Brünn (Bei Joseph Georg Trassler) 1820. Oct. (*Nachr. österr. Naturf. Bras.*).
Heft [*1*]: 1820 (p. 191: 1 Sep 1819), frontisp., p. [i]-vi, [7]-191, map.
Heft 2: 1822 (p. 66: 10 Jan 1820), p. [i], [1]-112, Anhang H. Schott [1]-66, Reise nach Macaar [67]-114, [1-2, err.]. – This second Heft is "Aus den vaterländischen Blättern für den österreichischen Kaiserstaat vom Jahre 1819 und 1820, besonders abgedruckt und mit nachträglichen Bemerkungen und Zusätzen vermehrt". The *Appendix* by H.W. Schott is entitled "Tagebücher des k.k. Gärtners, Hrn. H. Schott, in Brasilien, von dessen Reisen in die Campos am Paraiba von Canta Gallo; dann nach Macaçu und am Flusse gleiches Nahmens, von Rio de Janeiro aus". For a review with repetition of diagnoses of new taxa by Schott see Isis, Oken, 23(10): 1042.

Schrenk [Schrenck], **Alexander Gustav von** (1816-1876), Baltic-German botanist; studied in Dorpat (Tartu) 1834-1837; traveller-botanist for the St. Petersburg botanical garden 1837-1844, in the arctic Ural, Lapponia and northern Finland, the Songarian Steppes and other parts of Central Asia; lecturer at the University of Dorpat 1846-1876. (*Schrenk*).

HERBARIUM and TYPES: LE.– Further material at A, B (extant), BM, BR, C, CN, E, G, GOET, H, HH, K, KIEL, LY, M, MANCH, MO, MW, NA, OXF, PH, TB, TU, U, US, W.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 484-485 (L. v. Schroeder); AG 1: 201; Backer p. 520; Barnhart 3: 241 (b. 16 Feb 1816); BM 4: 1862; Clokie p. 240; Herder p. 59; Hortus 3: 1203; IH 1 (ed. 6): 364, (ed. 7): 342; Lasègue p. 339, 341, 397, 418, 503; LS 24204; PR 2915, ed. 1: 3209; Quenstedt p. 388 (b. 4/16 Feb 1816, d. 25 Jun /7 Jul 1876; Rehder 1: 456, 460; TL-2/1787; TR 1264-1266; Tucker 1: 636; Urban-Berl. p. 394; Zander ed. 10, p. 714, ed. 11, p. 814.

BIOFILE: Anon., Bot. Not. 1877: 60 (d. 13/25 Jun 1876); Bot. Zeit. 6: 776. 1848 (member Acad. St. Petersb.), 34: 750. 1876 (d. 13/25 Jun 1876); Flora 28: 640. 1845 (decoration); Russk. biogr. slovar. 23: 387-389. 1911.
Borodin, J., Trav. Mus. bot. Acad. St. Petersb. 4: 147-148. 1908 (coll., epon.).
Candolle, Alph. de, Phytographie 448. 1880 (coll.).
Herder, F. v., Bot. Jahrb. 9: 450-451. 1888 (travels).
Lindemann, E. v., Bull. Soc. imp. Natural. Moscou 61: 68. 1886.
Lipschitz, S.V., Fl. URSS fontes nos. 1241, 2264, 2296. 1975.
Lipski, V.I., Imp. S.-Petersb. bot. sada 3: 479-483. 1915 (biogr., bibl., portr.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3(2): 1211. 1898.
Shetler, A.G., The Komarov Bot. Inst. 30. 1967.
Wagenitz, G., Index coll. princ. herb. Gott. 151. 1982.
Welding, O. et al., Deutschbaltisches biographisches Lexikon 697-698. 1970.
Zittel, K.A. von, Gesch. Geol. Paläont. 546, 557. 1899.

COMPOSITE WORKS: (1) F.E.L. von Fischer & C.A. von Meyer, *Enumeratio plantarum novarum* a cl. Schrenk lectarum, 1841-1842, 2 parts, see TL-2/1787. Several of the taxa are attributed to Schrenk. Fischer and Meyer signed the preface but must have contributed significantly to the text (see also the preface itself) as is shown by other taxa which are attributed to themselves. *Copies*: B-S, BG, G, HH, KNAW, NY, US. *Review*: D.F.L. von Schlechtendal, Linnaea 16 (Litt.): 148-152. 1843.

HANDWRITING: Lipschitz, S.V. & I.T. Vasilczenko, Central Herbarium SSSR 34. 1968.

EPONYMY: *Schrenkia* F.E.L. Fischer et C.A. Meyer (1841).

11.136a. *Novae plantarum species*, nuperrime a D. Al. Schrenk in Songaria lectae (lu le 18 mars 1842) [St. Petersburg 1842]. Oct.
Publ.: 1842, p. [1]-3. *Copies*: G, HH. – Reprinted and to be cited from Bull. sci. Acad. Sci. St.-Pétersbourg 10(16): 253-255. 1842.
Continuation: 1842 ("lu le 29 avril 1842"), p. [1]-4. *Copies*: G, HH. – Id. 10(23): 352-356. 1842. – TR 384, attributed to the editors F.E.L. Fischer & C.A. Meyer; the new taxa are all by Schrenk.

11.136b. *Chenopodiaceae Staticesque novae* vel nondum descriptae, quas in itinere ad fluvium Tschu versus legit Alexander Schrenk. (lu le 31 mars 1843). [St. Petersburg 1843]. Oct.
Publ.: 1843, p. [1]-4, *2 pl. Copy*: G. – Reprinted from Bull. phys.-math. Acad. Sci. St.-Pétersbourg 1(23): 360-362. – TR 385, attributed to the editors, F.E.L. Fischer & C.A. Meyer; most taxa by Schrenk.

11.136c. *Species plantarum novae*, a D. Al. Schrenk nuperrime in Songaria lectae. (Lu le 18 mars [29 avril] 1842). [St. Pétersbourg 1842]. Oct.
Co-authors: Friedrich Ludwig von Fischer (1782-1851), Carl Anton von Meyer (1795-1855).
Publ.: 1842, p. [1]-3 and [1]-4. *Copies*: G, HH. – Reprinted and to be cited from Bull. sci. Acad. Sci. St.-Pétersbourg 10: 253-255, 352-356. 1842; continued in Bull. phys. math. Acad. Sci. St.-Pétersbourg 1: 79-80. 1843.

11.137. *Plantae novae*, nondum descriptae, quas in itinere ad fluvium Tschu versus legit Al. Schrenk. (Lu le 19 mai 1843). [St. Petersburg 1844]. Oct.
Publ.: 1844, p. [1]-4. *Copy*: G. – Reprinted and to be cited from Bull. phys.-math. Acad. Sci. St.-Pétersbourg 2(8): 113-116. 1844. – TR 386, attributed to the editors F.E.L. Fischer and C.A. Meyer; the new taxa are all by Schrenk.

11.138. *Diagnoses plantarum novarum*, a cl. A. Schrenk in itinere ad fluvium Tschu versus lectarum. (Lu le 15 septembre 1843). [St. Petersburg 1844]. Oct.
Publ.: 1844, p. [1]-9. *Copy*: G. – Reprinted and to be cited from Bull. phys.-math. Acad. Sci. St.-Pétersbourg 2(13): 193-199. 1844. – TR 387, attributed to the editors F.E.L. Fischer & C.A. Meyer; of the new taxa two are attributed to the editors; the new genus (Diploloma) and 20 new species are attributed to Schrenk.

11.139. *Diagnoses Compositarum novarum*, a cl. Al. Schrenk anno 1843 in Songaria lectarum (lu le 3 mai 1844). [St. Petersburg 1845]. Oct.
Publ.: 1845, p. [1]-6.*Copy*: G. – Reprinted and to be cited from Bull. phys.-math. Acad. Sci. St.-Pétersbourg 3(7): 106-110. 1845. – TR 388, attributed to the editors F.E.L. Fischer & C.A. Meyer; the new taxa are all by Schrenk.

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Publ.: 1845, p. [1]-4. *Copy*: G. – Reprinted and to be cited from Bull. phys.-math. Acad. Sci. St. Pétersbourg 3(14): 209-212. 1845. – TR 389, attributed to F.E.L. Fischer and C.A. Meyer; the taxa are all by Schrenk.

11.141. *Diagnoses plantarum novarum*, a cl. Al. Schrenk, anno 1844, in Songaria lectarum. *Manipulus ultimus*. (Lu le 9 août 1844). [St. Pétersbourg 1845]. Oct.
Publ.: 1845, p. [1]-6. *Copy*: G. – Reprinted and to be cited from Bull. phys.-math. Acad. Sci. St.-Pétersbourg 3(20): 305-307. 1845. – TR 390, attributed to the editors F.E.L. Fischer & C.A. Meyer; all taxa but 3 are by Schrenk.

11.142. *Bericht über eine, im Jahre 1840, in die östliche Dsungarische Kirgisensteppe unternommene Reise*; von Al. Schrenk, Cand. phil. Aus dem Russischen Manuscripte übersetzt von C.A. Meyer [St. Petersburg 1845]. Oct.
Publ.: 1845, p. [1]-69. *Copies*: FI; IDC 1667 (40-42). – Reprinted and to be cited from K.E. Baer & G. v. Helmersen, Beitr. Kenntn. Russ. Reich. 7: 273-341. 1845. – TR 1265.

11.143. *Reise nach dem Nordosten des europäischen Russlands*, durch die Tundren der Samojeden, zum Arktischen Uralgebirge, auf allerhöchsten Befehl für den kaiserlich botanischen Garten zu St. Petersburg im Jahre 1837 ausgeführt von Alexander Gustav Schrenk ... Dorpat [Tartu]. (Druck von Heinrich Laakmann) 1848-1854, 2 vols. Oct. (*Reise Nordost. eur. Russl.*).
1: Oct-Dec 1848 (p. [ii]: imprimatur 4 Oct 1848), p. [i*], [i]-xliv, [1]-730, *pl. 1-2* (uncol. liths.). "Historischer Bericht".
2: 14-31 Dec 1854 (p. [ii]: imprimatur 14 Dec 1854; t.p. 1854), p. [i*], [i]-iv, [1]-568, [1, err.], *pl. 1-4* (id.). "Wissenschaftliche Beilagen", "*Enumeratio plantarum*, in itinere per plagas Samojedarum cisuralensium per annum observatarum" in ch. 16, p. 483-549; ch. 16: "*Tabula synoptica* distributionem plantarum phaenogamarum geographicam intra regiones florae illustrans", p. 550 (fold-out chart).
Copies: BR, G, MICH, PH, USDA. – Also in Russian, St. Petersburg 1855, Oct. 665 p. (n.v.).
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 14: 652-657, 672-678. 1856 (extensive review).

Schrenk, Hermann von (1873-1953), American botanist; M.A. Harvard 1894; Dr. phil. Wash. Univ. St. Louis 1897; botanical assistant, Harvard 1893-1894; St. Louis Manual Training School 1894-1896, with Shaw School of botany St. Louis 1896-1903; connected with the U.S. Dept. Agriculture, Missouri Valley Auth. 1901-1907; plant pathologist at the Missouri Botanical Garden, St. Louis 1907; Biltmore Forest School lecturer 1906-1913. (*H. Schrenk*).

HERBARIUM and TYPES: MO; further material at CUP, DPU, GH, MO, NMW, NY, PH, U.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 241 (b. 12 Mar 1873, d. 30 Jan 1953); BL 1:

140, 317; BM 4: 1862-1863; CSP 18: 584; GR p. 243-244; Hirsch p. 266; Kelly p. 208, 257; Lenley p. 362; LS 24205-24225, 39019-39034; NW p. 57; Rehder 5: 778; Stevenson p. 1257; Tucker 1: 636, 3: 276 (bibl.); Urban-Berl. p. 394.

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Publ.: 1 Jun 1899, cover-t.p., p. 1-55, *pl. 1-6, 1-4. Copy*: NY. – Washington University Theses for the degree of Doctor of Philosophy. No. 6. Printed in advance from the Eleventh Annual Report of the Missouri Botanical Garden.

11.143b. *Notes on Arceuthobium pusillum* ... [Reprinted, ,.. from Rhodora ...1900]. Oct.
Publ.: Jan 1900, p. 2-5, *pl. 12. Copy*: US. – Reprinted and to be cited from Rhodora 2: 2-5, *pl. 12.* 1900.

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Publ.: 6 Apr 1900, p. [1]-22, *pl. 1-7, 1-6. Copy*: NY. – USDA Div. Veg. Physiol. Pathol. Bull. 21.

Schrenk, Joseph von (1842-1890), Transylvania born botanist who emigrated to the United States ca. 1865; principal of the College Point, Long Island, Public School; in Hoboken, New Jersey from 1886; principal of the German Hoboken Academy and professor of Pharmacy at the New York College of Pharmacy 1886-1890. (*J. Schrenk*).

HERBARIUM and TYPES: DPU, GOET, NA, NY, NYS, OXF, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 241 (d. 10 Mar 1890); Clokie p. 240; CSP 12: 664, 18: 584; Lenley p. 362; Tucker 1: 636.

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HERBARIUM and TYPES: Unknown.

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Schröder, [Ludwig Julius] Bruno (1867-1928), German (Silesian) phycologist and general hydrobiologist at Breslau. (*B. Schröd.*).

HERBARIUM and TYPES: WRSL; some further material in BR, H. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 16: 8303; BM 4: 1863; Bossert p. 355; CSP 18: 585; De Toni 4: lii; DTS 1: xxiii, 272; GR p. 135-136; Hirsch p. 267; LS 24231-24233, suppl. 24944-24946; Nordstedt p. 29, suppl. 14; Urban-Berl. p. 268.

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VanLandingham, S.L., Cat. Diat. 4: 2368. 1971, 6: 3588-3589. 1978, 7: 4226. 1978.

EPONYMY: *Schroederella* Pavillard (1913); *Schroederia* Lemmermann (1898); *Schroederiella* Woloszynska (1914).

11.146. *Die Algenflora der Hochgebirgsregion des Riesengebirges* ... Breslau (Druck von Grass, Barth u. Comp. (W. Friedrich)) 1895. Oct. (*Algenfl. Riesengeb.*).
Publ.: Dec 1895 (submitted 7 Nov 1895; t.p. preprint "1895"), p. [1]-32. *Copy*: M. – Preprinted from Jahresber. Schles. Ges. vaterl. Cult. 73(2b): 35-66. 1896.
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Publ.: Jan-Apr 1897 (Nat. Nov. Mai(2) 1897), p. [1]-38, *1 pl. Copies*: FH, M. – Reprinted and to be cited from Forschungsber. biol.-Stat. Plön 5: 29-66.

11.148. *Hildenbrandia rivularis* (Liebmann) Bréb. und *Pseudochantransia chalybaea* (Lyngb.) Brand aus dem Gouvernement Suwalki ... Sonderabdruck aus den Berichten der Deutschen Botanischen Gesellschaft ... 1918. Oct.
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Schröder, [Theodor] Julius [Reinhold] von (1843-1895), Baltic-German (Estonian-born) botanist and chemist; studied at Dorpat; assistant to Carl Schmidt ib. 1866-1868; continued his studies in Heidelberg; assistant, later professor of chemistry at the Forest College of Tharandt from 1869; specialist on tanning. (*J. Schröd.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1863; CSP 8: 888, 11: 345, 18: 587-588; Herder p. 121, 298, 382; Jackson p. 90, 107; PR 8404; Rehder 5: 779; Tucker 1: 636-637.

BIOFILE: Anon., Chem. Zeit. 19: 2001-2002. 1895 (obit.); Dingler's polytechnisches Journal 298: 188-190. 1895 (obit., b. 24 Apr 1843, d. 24 Oct 1895); Leopoldina 31: 222. 1895 (obit. not.).
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Schrödinger, Rudolph (1857-1919), Austrian botanist. (*Schrödinger*).

HERBARIUM and TYPES: B (extant; in herb. Zool.-bot. Ges. Wien).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 242 (b. 27 Jan 1857, d. 24 Dec 1919); BM 4: 1864; Hortus 3: 1203; Zander ed. 10, p. 714, ed. 11, p. 814.

BIOFILE: Anon., Österr. bot. Z. 68: 344. 1919 (d. 24 Dec 1919).
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Ref.: Matouschek, F., Bot. Centralbl. 128: 487-488. 4 Mai 1915 (rev.).

Schröter, Carl [Joseph] (1855-1939), German-born (Silesian origin) Swiss botanist; from 1865 in Zürich (Swiss citizen from 1867); studied at the Zürich Polytechnic (later E.T.H.); botanical assistant 1878; Dr. phil. Zürich 1880 with Oswald Heer; professor of systematic botany 1884-1926; widely travelled leading plant-geographer; co-founder Schweizerische botanische Gesellschaft. (*Schröt.*).

HERBARIUM and TYPES: ZT; further material in A, BAS, BERN, BO, BR, C, LAU, M (lich.), PRE, Z. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 828; Andrews p. 321; Barnhart 3: 520; BFM 1170, 1171, 2129, 2607; Biol.-Dokum. 16: 8314; BJI 1: 52, 2: 158; BL 1: 1, 2: 559, 563, 565, 566, 576, 581-582, 585-586, 591, 715; BM 4: 1864; Bossert p. 355 (b. 19 Dec 1855, d. 7 Feb 1939); CSP 11: 346, 12: 665, 18: 590; De Toni 4: lii; DTS 1: 272, xxiii, 6(4): 194-195; Hegi 6(2): 915; Hirsch p. 267; Hortus 3: 1203; LS 24239, 32339-32340; Moebius p. 364; Morren ed. 10, p. 110; MW p. 440, suppl. 309; NI 1810-1814, 3: 61 ; Nordstedt suppl. p. 15; Plesch p. 402; Quenstedt p. 388; Rehder 5: 779; Saccardo 2: 99; SK 1: 476-477; TL-2/6764, see J. Jäggi, E.O.O. Kirchner; Tucker 1: 637, 3: 274.

BIOFILE: Aellen, H., ed., Schweiz. Zeitgenossen Lex. ed. 1: 609-610. 1921, ed. 2: 823. 1932.
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(2) With M. Rikli, *Vom Mittelmeer zum Nordrand der Sahara*, Zürich 1912, see under Rikli, TL-2/9232.
(3) With M. Rikli & A. Tansley, *Vegetationsbilder aus Algerien*, *in* Schenk & Karsten, Vegetationsbilder 10(2/3). 1912.
(4) Introduction to *Alpenblumen* sechsunddreissig Farbtafeln nach der Natur von Paul A. Robert, Bern (Iris Verlag) 1938, p. [1]-19, *pl. 1-36* (col.). *Copy*: G.

FESTSCHRIFT: Veröff. Geobot. Inst. Rübel Zürich, Heft 3, 1925: *Festschrift Carl Schröter*, ed. H. Brockmann-Jerosch, 811 p., *26 pl.*

NOTE: (1) Ludwig Schröter (b. 23 Aug 1861, d. 18 Jan 1929), botanical artist, was a brother of C.J. Schröter. He provided the drawings for several of S.'s early publications; especially well-known are the plates of the *Taschenbuch des Alpen-Wanderers* (see below).
(2) *Main bibliography*: E. Rübel, Carl Schröter 1855-1939, Zürich 1940, p. 57-74.

EPONYMY: *Neoschroetera* Briquet (1926); *Schroeterella* Briquet (1925); *Schroeterella* Herzog (1916).

11.156. *Untersuchung über fossile Hölzer aus der arctischen Zone* ... Zürich (Verlag von J. Wurster & Cie.) 1880. Qu. (*Unters. foss. Hölz. arct. Zone*).
Publ.: 1880 (Bot. Zeit. 25 Feb 1881), p. [1]-38, *pl. 1-3*. *Copies*: HH, NSUB, NY. – Title on cover NSUB copy: *Untersuchung ... Zone*. Inauguraldissertation zur Erlangung der Doctorwürde in Philosophie der hohen philosophischen Facultät der Hochschule Zürich ... J. Huber's Buchdruckerei in Frauenfeld". – Also issued in O. Heer, *Flora fossilis arctica*, 6(1) no. 4. 1880.
Ref.: Engler, A., Bot. Jahrb. 1: 495-496. 1881 (rev.).
G., Bot. Zeit. 39: 229-230. 1881 (rev.).

11.157. *Die Flora der Eiszeit* ... Zürich (Druck von Zürcher & Furrer) 1882. Qu. (*Fl. Eiszeit*).
Publ.: Dec 1882 (Bot. Zeit. 30 Mar 1883; Bot. Jahrb. 8 Mai 1883; Bot. Centralbl. 29 Jan -2 Feb 1883), p. [1]-41, *1 pl.*, 1 chart. *Copies*: BR, H-UB, M. – Neujahrsblatt Naturf. Ges., Zürich 85: for the year 1883, publ. Dec 1882.
Ref.: Ascherson, P., Bot. Centralbl. 15: 144-146. 1883 (rev.).

11.157a. *Beiträge zur Kenntniss des Malvaceen-Androeciums* ... Separat-Abdruck aus: Jahrbuch des Königl. Bot. Gartens etc. Bd. II. [1883]. Oct.
Publ.: Mar 1883 (journal preface Mar 1883; Nat. Nov. Apr(2) 1883 (journal); KNAW rd Apr 1883 (id.); Flora rd 11 Mai 1883 (id.)), p. [1]-15, *pl. 3* (uncol.). *Copy*: US. – Reprinted and to be cited from Jahrb. K. Bot. Gart. 2: 153-165, *pl. 3*. 1836.

11.158. *Die besten Futterpflanzen*. Abbildungen und Beschreibungen derselben nebst ausführlichen Angaben betreffend deren Kultur, ökonom. Werth, Samen-Gewinnung-Veruntreinigungen, -Verfälschungen ec. Im Auftrag des Schweiz. Handels- und Landwirthschaftsdepartements herausgegeben ... Bern (Druck und Verlag von K.J. Wyss) 1883-1889. 3 vols. Qu. (*Futterpflanzen*).
Senior author: Friedrich Gottlieb Stebler (1852-1935).
Ed. 1: 1883-1884. *Copies*: B, FI, NY, USDA.
1: 1883 (p. [iii]: 10 Apr 1883; Bot. Zeit. 31 Aug 1883), p. [i-iv], [1]-104, *pl. 1-15* (col. liths. C. et L. Schröter).
2: 1884 (p. [iii]: 12 Feb 1884; Nat. Nov. Apr(2) 1884; Bot. Zeit. 27 Jan 1884), p. [i-iv], [1]-78, *pl. 16-30*. (id.).
3: Jun-Jul 1889 (p. [vi]: Mai 1889; Flora before 20 Jan 1890; Nat. Nov. Aug(1) 1889), p. [i]-viii, [1]-192, [1], *pl. 1-16* (id.). "*Die besten Futterpflanzen*. Dritter Theil. *Die Alpen-Futterpflanzen*. Abbildungen und Beschreibungen von 33 alpwirthschaftlich wichtigen Futterpflanzen nebst ausführlichen Angaben betreffend deren alpwirthschaftlichen Werth, botanische Merkmale, Vorkommen, Klima- und Bodenansprüche, Düngung, Wachsthum, Samengewinnung, Kultur und ver-

wandte Arten. Mit einer Einleitung über die Bedeutung und die Hebung der schweizerischen Alpwirthschaft und über Klima und Pflanzenwuchs der Alpen". For taxonomic notes see below, *Beitr. Kenntn. schweiz. Bl.-Pfl.* 1889.

Later editions: *vol. 1, ed. 2*: 1892 (p. iii: Christmas 1891; Nat. Nov. Mar(1) 1892), p. [i-iv], [1]-135, [136], *pl. 1-15* (id.). "Zweite, umgearbeitete Auflage". *Copy*: G.

vol. 2, ed. 2: 1895 (p. iv: 1 Aug 1895; Bot. Zeit. 1 Dec 1895), p. [i]-iv, [1]-96, *pl. 16-30* (id.). *Copy*: G.

vol. 1, ed. 3: 1902 (n.v.).

vol. 2, ed. 3: 1908, by F.G. Stebler & A. Volkart, p. [i]-iv, [i-vi], [1]-175, *pl. 1-15* (id.). *Copy*: USDA.

vol. 1, ed. 4: 1913, by F.G. Stebler & A. Volkart, p. [i-vi], [1]-175, *pl. 1-15* (id.). *Copy*: USDA.

Translations: French (see below), English (see below) and Russian 1898 (n.v.).

11.159. *Les meilleurs plantes fourragères.* Descriptions et figures avec notices détaillées sur leur culture et leur valeur économique ainsi que sur la récolte des semences et leurs impuretés et falsifications, etc. ... Berne (K.J.Wyss, libraire-éditeur) 1883-1884, 2 vols. Qu. (*Pl. fourrag.*).

Ed. 1: 1883-1884. *Copies*: B-G, G, L, NY (vol. 3), USDA (vol. 3). – Translated by Henri Welter.

1: 1883 (p. [iii]: 10 Apr 1883; Nat. Nov. Jan(2) 1884), p. [i-iv], [1]-116, *pl. 1-15* (col. liths. C. & L. Schröter).

2: 1884 (p. [iii]: 12 Feb 1884; Nat. Nov. Aug 1884), p. [i-iv], [1]-83, *pl. 16-30* (id.).

3: 1896 (p. vi: Dec 1895; Bot. Zeit. 16 Mar 1896), p. [i]-viii, [1]-201, *pl. 1-16* (id.). – *Les meilleurs plantes fourragères.* Troisième partie. *Les plantes fourragères alpestres* ... Berne (id.), Paris (Librairie agricole). Milan (Ulrico Hoepli ...) 1896. Qu.

Ed. 2: 1894-1896. *Copies*: G, MO, USDA. – Translated by Henri Welter.

1: 1894 (Bot. Zeit. 1 Mai 1894), p. [i]-iv, [1]-152, *pl. 1-15* (id.).

2: 1896 (Bot. Zeit. 16 Jul 1896), p. [i]-iv,, [1]-100, *pl. 16-30* (id.).

Ed. 3: 1911, by F.G. Stebler and A. Volkart. *Copy*: G.

2: 1911, p. [i]-iv, [1]-138.

11.160. *Der Bambus* und seine Bedeutung als Nutzpflanze .... Zürich (Druck von Zürcher und Furrer) 1885. Qu. (*Bambus*).

Publ.: Dec 1885 (Bot. Zeit. 26 Feb 1886; J. Bot. Mar 1896; Nat. Nov. Mar(1) 1886), p. [1]-56, *1 pl. Copy*: G. – Neujahrsblatt der naturforschenden Gesellschaft in Zürich auf das Jahr 1886.

Ref.: Höck, F., Bot. Jahrb. 8 (Lit.): 6-7. 1886 (rev.).

11.161. *The best forage plants* fully described and figured with a complete account of their cultivation, economic value, impurities and adulterants, &c. ... London (David Nutt, ...) 1889. Qu. (*Forage pl.*).

Publ.: 1889 (J. Bot. Mar 1889; Nat. Nov. Mar(2) 1889), p. [i]-vi, [1]-171, *pl. 1-30* (col. liths. C. & L. Schröter). *Copies*: BR, USDA. – Translated by A.N. McAlpine.

Ref.: Carruthers, W., J. Bot. 27: 317-318. 1889.

11.162. *Beiträge zur Kenntniss schweizerischer Blüthenpflanzen* [Separatabdruck aus dem Jahresbericht der St. Gallischen Naturwissenschaftlichen Gesellschaft 1887/88, 1889]. Oct.

Publ.: 1889, p. [1]-23, *pl. 1-2. Copy*: U. - Reprinted and to be cited from Jahresber. St.-Gall. naturw. Ges. 1887/88: 223-245, *pl. 1-2.* 1889.

11.163. *Taschenflora des Alpen-Wanderers.* Colorirte Abbildungen von 115 verbreiteten Alpenpflanzen, nach der Natur gemalt von Ludwig Schröter, ... Mit kurzen botanischen Notizen in deutscher, französischer und englischer Sprache von Dr. C. Schröter ... Zürich (Verlag von Meyer & Zeller ...) 1889. Oct. (*Taschenfl. Alp.-Wand.*).

Artist: Ludwig Schröter (1861-1929), brother of C.J. Schröter; see note above.

Ed. [*1*]: Mar 1889 (ÖbZ 1 Jul 1889; Bot. Zeit. 28 Jun 1889; Bot. Centralbl. 5 Jun 1889; Nat. Nov. Apr(1) 1889), p. [i-iv], *pl. 1-18* (col. liths.) with text. *Copy*: HH. – Text in three languages.

Ed. 2: Jun-Jul 1890 (Bot. Zeit. 29 Aug 1890; ObZ for Aug 1890; Bot. Centralbl. 13 Aug 1890; Nat. Nov. Jul(2) 1890), p. [i-iv], *pl. 1-18* (col.) with text, [1, index]. *Copies*: BR, G(2), MO, PH. – "Zweite durchgesehene und verbesserte Auflage. Zürich (id.) 1889. – Some copies (G no. 2, MO, BR) have a sticker over the year date giving "1890".

Ed. 3: Jul 1892 (p. [iii]: Jul 1892; Bot. Zeit. 7 Oct 1892; Bot. Centralbl. 21 Sep 1892; Nat. Nov. Jul(3) 1892), p. [i-iv], *pl. 1-18* (id.) with text, [i-ii, index]. Dritte vollständig umgearbeitete und vermehrte Auflage. Zürich (id.) 1892. *Copies*: HH, M, NY. – All plates painted anew; number of species depicted now 170.

Ed. 4: Mai-Jun 1894 (ÖbZ for Jul 1894; Bot. Zeit. 16 Jul 1894; Bot. Centralbl. 24 Jul 1894; Nat. Nov. Jun(1) 1894), p. [i-iv], *pl. 1-18*, [i-ii]. *Copy*: HH.

Ed. 5: Mai 1896 (Bot. Zeit. 1 Aug 1896; Bot. Centralbl. 14 Jul 1896; Nat. Nov. Jun(1) 1896). (n.v.).

Ed. 6: Apr 1899 (Bot. Centralbl. 6 Jun 1899; Bot. Zeit. 1 Jul 1899; Nat. Nov. Mai(1) 1899), p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.) with text, index p. [i]-viii. *Copies*: BR, HH, NSUB, NY. – "... 207 colorirte und 10 schwarze Abbildungen ... sechste vollständig umgearbeitete und vermehrte Auflage". Zürich (Albert Raustein) s.d.

Ed. 7: Mai-Jun 1900 (Bot. Centralbl. 20 Jun 1900; Bot. Zeit. 16 Jul 1890; ÖbZ for Mai-Jun 1900; Nat. Nov. Jun(2)-Jul(1) 1900; Flora 30 Jun 1900), p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol., with text, index p. [i]-viii. *Copies*: HH, M.

Ed. 8: Mai-Jun 1903 (preface Mai 1903; Nat. Nov. Jul(1) 1903), p. [i-iii], *pl. 1-26* (id.), with text, p. [i]-viii. *Copy*: HH.

Ed. 9: Mai-Jun 1904 (p. [iii]: Mai 1904; Nat. Nov. Jun(2) 1904; Bot. Zeit. rev. 16 Aug 1904), p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.) with text, index [i]-viii. *Copy*: US. – "Neunte verbesserte Auflage ..." Zürich (id.) 1904.

Ed. 10/11: Mar-Apr 1907 (Bot. Centralbl. 9 Jul 1907, 11 Aug 1908; Bot. Zeit. 1 Sep 1909 (sic); ÖbZ for Apr-Mai 1907; Nat. Nov. Apr(2) 1907), p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.) with text, index [i]-viii. *Copies*: B-G, BR. – "Zehnte und elfte (Doppel-) Auflage". Zürich (id.) s.d.

Ed. 12/13: Mar-Apr 1911 (Bot. Centralbl. 4 Jul 1911; Nat. Nov. Mai(1) 1911). (n.v.).

Ed. 14/15: s.d., p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. *Copies*: G, NY. – "Vierzehnte und fünfzehnte (Doppel-) Auflage". Zürich (id.) s.d.

Ed. 16/17: Jan 1924 (ÖbZ for Jan-Mar 1924; Nat. Nov. Feb 1924), p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. *Copies*: G, HH. – "Sechzehnte und siebzehnte (Doppel-) Auflage". Zürich (id.) s.d.

Ed. 18/19: *n.v.*

Ed. 20/21: s.d., p. [i-iii], *pl. 1-24* (id.), *25-26* (uncol.), with text, index [i]-viii. *Copies*: B-S, NY. – "Zwanzigste und einundzwanzigste (Doppel-) Auflage". Zürich. (id.). s.d.

Ed. 22/23: *n.v.*

Ed. 24: s.d., p. [i-iii], *pl. 1-24* (col.), 25-26 (uncol.), with text index [i]-viii. *Copy*: FAS. – "Vierundzwanzigste Auflage" Zürich (id.) s.d.

Ed. 25: 1940 (p. iii: Mar 1940), p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. Edited by Werner Lüdi (1888-1968). Zürich (id.) s.d.

Ed. 26: 1950 (rd at Basel 7 Jun 1950), p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. *Copy*: G. – Edited by W. Lüdi. – Zürich (id.) s.d.

Ed. 27: (rd USDA 14 Apr 1952), p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. *Copies*: FI, USDA. – Edited by W. Lüdi. – Zürich (id.) s.d.

Ed. 28: 1956 (n.v.).

Ed. 29: s.d., p. [i-ii], *pl. 1-24* (col.), *25-26* (uncol.) with text, index p. [i]-viii. *Copy*: NY. – Edited by W. Lüdi. – Zürich (Schumann Verlag) s.d.

Translations: French and English see below.

11.164. *Flore coloriée de poche* à l'usage du touriste dans les montagnes de la Suisse et de la Savoie. 170 Fleurs des Alpes coloriées par L. Schröter avec texte par C. Schröter, ... Quatrième édition. Zürich (Albert Graustein ...), Paris (J.B. Baillière & Fils) s.d. [1894]. Oct. (*Fl. col. poche*).

Note: The *Taschenflora* (see above) was published with text in German, French and English. Several editions were also published with a French t.p., the rest being identical with the *Taschenflora*. We list here only the issues seen by us.

Ed. 4: 1894, p. [i-iii], *pl. 1-18* (as in Taschenflora), with text in three languages, index [i-ii]. *Copy*: BR.

Ed. 7: 1900, p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. *Copy*: NY.
Ed. 10/11: 1907, p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), index [i]-viii. *Copy*: NY.
Ed. 14/15: s.d., p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. *Copy*: G.
Ed. 18/19: s.d., p. [i-iii], *pl. 1-24* (col.), with text, index [i]-viii. *Copy*: NY.
Ed. 25: 1943 (date of receipt at G 29 Jun 1943), p. [i], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. – Edited by W. Lüdi. *Copy*: G.

11.165. *Coloured vade-mecum to the alpine flora* for the use of tourists in Switzerland. 170 coloured alpine flowers. Text in English, French and German by L. Schröter and Prof. Dr. C. Schröter. Fourth edition. Zürich (Albert Graustein ...), London (David Nutt ...) s.d. [1894]. Oct. (*Col. vade-mecum alp. fl.*).
Ed. 4: 1894 (Nat. Nov. Jun(2) 1894; Bot. Zeit. 1 Sep 1894), p. [i-iii], *pl. 1-18* (as in original ed.), with text, index [i-ii]. *Copy*: USDA.
Ed. 5: 1896, p. [i-iii], *pl. 1-18*, [i-ii]. *Copy*: HH.
Ed. 8: 1903, p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. *Copy*: BR.
Ed. 9: 1904, p. [i-iii], *pl. 1-24* (col.), *25-26* (uncol.), with text, index [i]-viii. *Copy*: NY.
Ed. 10/11: 1909, p. [i-iii], *pl. 1-26* (id.), index [i]-viii. *Copy*: HH.

11.166. *Ueber die Pflanzenreste aus der neolithischen Landansiedlung von Butmir in Bosnien* ... Wien (Druck und Verlag von Adolf Holzhausen, ...) 1895. Oct. (*Pfl.-Reste neolith. Landansiedl. Butmir*).
Publ.: 1895 (Bot. Zeit. 1 Jan 1896), p. [1]-21. *Copy*: G. – Reprinted from "Die neolithische Station von Butmir bei Sarajevo in Bosnien", published by the "bosn.-herceg. Landesmuseum" (n.v.).

11.167. Der "Bodensee-Forschungen" neunter Abschnitt: *Die Vegetation des Bodensees* ... Lindau i.B. (Kommissionsverlag der Schriften des Vereins für die Geschichte des Bodensees und seiner Umgebung von Joh. Thom. Stettner) 1896 [i.e. 1897]-1902, 2 parts. Oct. (*Veg. Bodensees*).
Co-author (junior): [Emil Otto] Oskar Kirchner (1851-1925), see TL-2/3664-3668.
1: Jan-Mai 1897 (t.p. 1896; Bot. Zeit. 1 Jul 1897; Bot. Centralbl. 4 Aug 1897; Nat. Nov. Jun(2) 1897), p. [1]-122, *pl. 1-2*. – Reprinted from Schr. Ver. Gesch. Bodensees, Heft 25 (journal n.v.), text p. 8-21 by Schröter (general introd.); algae by Kirchner.
2: Feb-Apr 1902 (p. iv: Jan 1902; ÖbZ for Sep 1902; Bot. Zeit. 16 Mai 1902; Nat. Nov. Jul(1) 1902), p. [i]-viii, [1]-86, *pl. 3-5*, map. – Reprinted from id. Heft 31. (n.v.). Entire text by Schröter (Charac., mosses, phanerog.).
Copies: B, BR, FH, G, M, NY, USDA.
Ref.: Magnus, P., Bot. Centralbl. 4 Aug 1897 (rev.).
Solms, H., Bot. Zeit. 55(2): 283-284. 1897, 60: 167-168. 1902 (rev.).

11.168. *Die Schwebeflora unserer Seen.* (Das Phytoplankton.) ... Zürich (Drück von Zürcher & Furrer) 1896 [1897]. Qu. (*Schwebefl. Seen*).
Publ.: Dec 1896-Jan 1897 (traditionally publ. 1 Jan 1897; t.p. 1896; cover p. 4 dated 1897; Bot. Zeit. 1 Mar 1897; ÖbZ for Feb 1897; Nat. Nov. Feb(2) 1897), p. [1]-57, [58], chart, *1 pl.* [1, Nachtrag]. *Copies*: G(3). "99stes Neujahrsblatt der naturforschenden Gesellschaft in Zürich 1897").
Ref.: Maurizio, A., Bot. Centralbl. 71: 175-176. 1897 (rev.).

11.169. *Ueber die Vielgestaltigkeit der Fichte* (Picea excelsa Link.) ... Zürich (Verlag von Fäsi & Beer) 1898. Oct.
Publ.: Aug 1898 (copy at G given by Schr. to E. Burnat on 25 Aug 1898; Nat. Nov. Sep(1) 1898), p. [1]-130, chart. *Copy*: G. – Reprinted and to be cited from Viertelj.-Schr. naturf. Ges. Zürich 43(2/3): 123-252. 1898.
Ref.: Solms, H., Bot. Zeit. 57(2): 12. 1 Jan 1899 (rev.).

11.170. *Fragenschema für Beobachtungen über pflanzengeografische und wirtschaftliche Verhältnisse* auf Exkursionen in den Alpen ... Zürich (Druck von Keller & Müller) 1899. (*Fragenschema*).
Publ.: 1899, cover-t.p., p. [1]-11. *Copy*: M. – Title in heading of p. [1]: "*Anleitung zu Beobachtungen* ... Alpen".

11.171. *Contributions à l'étude des variétés de Trapa natans* L. ... Extrait des Archives des Sciences phsyiques et naturelles ... 1899. Oct.
Publ.: Nov 1899, p. [1]-12, *pl. 3*. *Copy*: M. – Reprinted and to be cited from Arch. Sci. phys. Nat. (4 pér.) 8: 441-452. 1899.

11.172. *Die Palmen* und ihre Bedeutung für die Tropenbewohner ... Zürich (Druck von Zürcher & Furrer ...) [1901]. Qu. (*Palmen*).
Publ.: ca. 1 Jan 1901, p. [1]-33, [34-35], *pl. 1-2*. *Copy*: B. – Issued as Neujahrsbl. naturf. Ges. Zürich a.d. Jahr 1901. These "New year" publications traditionally came out around 1 Jan.

11.173. *Propositions de changement aux lois de la nomenclature botanique* de 1867 dont l'adoption est recommandée au Congrès international de nomenclature botanique projeté à Vienne en 1905 par un groupe de botanistes belges et suisses. Genève, Bale et Lyon (Georg & Co., ...) 1904. Oct. (*Prop. lois nom. bot.*).
Co-authors: J. Amann, W. Barbey-Boissier, G. Beauverd, Ch. Bommer, E. Burnat, J. Chalon, R. Chodat, A. Cogniaux, C. de Candolle, A. de Candolle, E. De Wildeman, Th. Durand, B.P.G. Hochreutiner, P. Jaccard, R. Keller, El. Marchal, Em. Marchal, J. Massart, V. Mouton, M. Rikli, H. Schinz, [C. Schröter], Ch. Van Bambeke, H. Van Heurck, E. Wilczek.
Publ.: 15 Jan 1904, p. [i*-iv*], [i]-iv, err. slip, [1]-45. *Copies*: B, FAS.

11.174. *Lebensgeschichte der Blütenpflanzen Mitteleuropas*. Spezielle Ökologie der Blütenpflanzen Deutschlands, Österreichs und der Schweiz ... Stuttgart (Verlagsbuchhandlung Eugen Ulmer) [1903] 1904-1942. 62 fasc. †. (*Lebensgesch. Bl.-Pfl. Mitteleur.*).
Co-authors (original): Emil Otto Oskar Kirchner, 1851-1925, Ernst Loew (1843-1908).
Parts treated by C. Schröter: 1(1), 1903-1906, p. 6-19, 60-78, 99-155, 202-231, 287-309 [between 60 and 309 with Kirchner], 316-320, 2(3), 1917, p. 51-73, 2(1), 1927, p. 468-557 (with Ad. Toepffer and W. Wangerin).
Further parts and authors and editions:
1(1): 1903-1908, p. [i]-vii, [1]-736, [1-4].
1(2): 1908-1912, p. [1]-288 (incompl.).
1(3): 1908-1934, p. [1]-1168.
1(4): 1928-1936, p. [i]-vii, [1]-840.
2(1): 1911-1938, p. [1]-1231.
2(2): none published.
2(3): 1917, p. [1]-96 (incompl.).
3(1): none published.
3(2): 1938-1942, p. [1]-446.
3(3): 1926-1932, p. [1]-344 (incompl.).
3(4): 1927, p. [1]-64 (incompl.).
3(5): 1937, p. [1]-128 (incompl.).
4(1): 1923-1932, p. [1]-307.
Copies: B, BR, GOET, LD, NY, Peterson. – We are grateful to B. Peterson for an extensive analysis of his copy.
Contents:
1, Abt. 1: Allgemeines, Gymnospermae. Typhaceae, Sparganiaceae, Potamogetonaceae, Najadaceae, Juncaginaceae, Alismaceae, Butomaceae, Hydrocharitaceae. Register. Bearb. von C. Flahault, H. Glück, P. Graebner, O. Kirchner, E. Loew, M. Rikli, C. Schröter, T.W. Woodhead; 1904-1908, p. [i-iii, t.p.-v]-vii, [1]-736, 420 figs. (complete).
1, Abt. 2: Gramineae. Bearb. von O. Kirchner, H.C. Schellenberg, C. Schröter, A. Volkart; 1908-1915, p. [1]-288, 223 figs. (incompl.).
1, Abt. 3: begründet von O. von Kirchner, E. Loew and C. Schröter. Fortgeführt von W. Wangerin and C. Schröter. Araceae, Lemnaceae, Juncaceae, Liliaceae, Dioscoreaceae, Amaryllidaceae, Iridaceae. Namen- und Sachenregister. Bearb. von P. Ascherson, J. Bernátsky, W. Brenner, F. Buxbaum, P. Graebner, F. Höck, O. Kirchner, E. Loew and F. Ludwig; 1908-1934, p. [i, t.p.]-vii, [1]-1168, 792 figs. (complete).

1, Abt. 4: Orchidaceae. Inhaltsverzeichniss. Namen- und Sachregister. Bearb. von H. Ziegenspeck. 1928-1936, p. [i-iii, t.p.]-vii, [1]-840, 380 figs. (compl.).

2, Abt. 1: Cupuliferae, Juglandaceae, Salicaceae, Myrricaceae, Ulmaceae, Moraceae, Urticaceae, Loranthaceae. Bearb. von M. Büsgen, F. Frankhauser, O. Kirchner, A. Toepffer, C. Schröter, L. Schröter, W. Wangerin, O. von Vloten-van der Bergh, H. van Vloten, H. Walter, E. Kolumbe and F. Buxbaum. 1911-1938, p. [1]-1231, 933 figs. (incompl.).

2, Abt. 3: Nymphaeacae, Ceratophyllaceae, Ranunculaceae (Anfang). Bearb. von H. Ross, C. Schröter, G. Bitter and O. Kirchner. 1917, p. [1]-98, 49 figs. (incompl.).

3, Abt. 2: herausgeg. von Th. Schmucker. Leguminosae. Bearb. von W. Christiansen. 1938-1942, p. [1]-446, 245 figs. (compl. but t.p. is missing).

3, Abt. 3: Geraniaceae, Oxalidaceae, Euphorbiaceae, Callitrichaceae. Bearb. von W. Wangerin, A.Y. Grevillius, F. Pax, K. Hoffmann, H. Beger. 1926-1932, p. [1]-344, 155 figs. (incompl.).

3, Abt. 4: Tiliaceae. Bearb. von P. Jaccard and A. Frey. 1927, p. [1]-62, 36 figs. (incompl.).

3, Abt. 5: Lythraceae. Bearb. von H. Schoch-Bodmer, F. Buxbaum and W. Wangerin. 1937, p. [1]-128, 68 figs. (incompl.).

4, Abt. 1: Ericaceae, Empetraceae, Monotropaceae, Plumbaginaceae. Bearb. von A.Y. Grevillius, O. Kirchner and W. Christiansen. 1923-1925, p. [1]-307, 132 figs. (incompl.).

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	14	15-20	225-320	1911 BR rd 3 Jun 1911
	16	21-26	321-416	1912 BR rd 30 Sep 1912
	17	27-32	417-512	1913 BR rd 5 Mai 1913
	19	33-38	513-608	1914 BR rd 23 Apr 1914
	21	39-44	609-704	1914
	37	45-50	705-800	1930
	40	51-56	801-896	1931
	43	57-62	897-992	1932
	45	63-68	993-1088	1933
	46	69-73	1089-1168,indexes, [i]-vii	1934
1(4)	33	1-4	1-64	1928 BR rd 10 Oct 1928
	34	5-12	65-192	1928
	36	12-18	193-288	1930
	42	19-24	289-384	1932
	47	25-30	385-480	1934

	48	31-36	481-576	1934
	50	37-42	577-672	1935 BR rd 12 Nov 1935
	51/52	43-53	673-840, [i]-vii,preface	1936 BR rd 8 Jul 1936
2(1)	12	1-6	[1]-96	1911 LD 2 Feb 1911
	18	7-12	97-192	1913 BR and LD 18 Sep 1913
	20	13-18	[193]-288	1914 LD rd 30 Jul 1914
	26/27	19-29	289-464	1925 BR rd 6 Oct 1925
	31/32	30-35	465-557	1927 LD rd 16 Aug 1927
	33	36-38	[560]-599	1928 BR rd 10 Oct 1928
	38/39	39-49	[601]-764	1931 LD rd 8 Mai 1931
	44	50-55	765-860	1933 LD rd 21 Jul 1935
	49	56-61	861-951	1935 LD rd 11 Jul 1935 sic
	55/56	62-73	[953]-1144	1937 LD rd 13 Jan 1938
	57	74-79	1145-1231	1938 LD rd 31 Mar 1938
2(3)	22	1-6	[1]-96	1917 LD rd 27 Sep 1917
3(2)	58/59	1-11	[1]-176	1938 LD rd 20 Jul 1938
	60	12-17	177-272	1940 LD rd 21 Jan 1941
	61/62	18-28	273-446	1942 LD rd 30 Apr 1943
3(3)	28/29	1-10	[1]-147	1926 LD rd 24 Sep 1926
	30	10-15	[149]-240	1927 BR and LD rd 25 Feb 1927
	35	16-20	241-308	1930
	41	21-23	309-344	1932
3(4)	31/32	1-4	[1]-62	1927
3(5)	53/54	1-8	[1]-128	1937 LD rd 30 Mai 1937
4(1)	23/24	1-11	[1]-164	1923 LD rd 13 Apr 1923
	25	12-16	165-243	1925 BR rd 22 Apr 1925
	41	17-20	[245]-307	1932 LD rd 14 Apr 1932

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Co-author: Martin [Albert] Rikli (1868-1951), see TL-2/4: 792-794.
Publ.: 1904 (p. iii: Mar 1904; Nat. Nov. Jul(2) 1904), p. [i-iii], [1]-92, *pl. 1-10. Copies*: B-S, G, HH, M, NY, USDA. – Reprinted from Atti Soc. Elvet. Sci. nat. Locarno 1903: [305]-396. 1904. Heft 1 of C. Schröter, ed."Botanische Exkursionen und pflanzengeographische Studien in der Schweiz".
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(3) Oettli, M., *Beiträge zur Ökologie der Felsflora.* Untersuchungen aus dem Curfirsten und Sentisgebiet, Zürich (id.) 1905, p. [i-iv], [1]-171, *4 pl.*, charts. – Reprinted from Jahrb. St. Gall. naturw. Ges. 1903.

(5) Vogler, P., *Die Eibe* (Taxus baccata L.) *in der Schweiz*. Zürich (id.) 1905, p. [i-ii], [1]-56, *2 pl.*

(6) Neuweiler, E., *Die prähistorischen Pflanzenreste Mitteleuropas*, mit besonderer Berücksichtigung der schweizerischen Funde. Zürich (id.) 1905, p. [i-ii], [1]-110, [111, cont.], [113-114, Nachtr.]. 1905.

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Co-author: Johan Jakob Früh (1852-?).
Publ.: 1904 (Bot. Centralbl. 15 Nov 1904), p. [i]-xviii, [xix-xx], [1]-751, *4 pl.* 1 map. *Copies*: LC, NSUB. – Beitr. Geol. Schweiz, Geotechn. Ser. iii, 1904.
Ref.: Rikli, M., Bot. Centralbl. 96: 561-568. 6 Dec 1904 (rev.).

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Publ.: Mai 1906 (p. [3]: Apr 1906 ; Bot. Centralbl. 7 Aug 1906; AbZ 15 Sep 1906; Nat. Nov. Mai(2) 1906), p. [1]-40. *Copies*: G, M, USDA. – Autoreferat Schr., Bot. Centralbl. 104: 670. 25 Jun 1907.

11.178. *Das Pflanzenleben der Alpen*. Eine Schilderung der Hochgebirgsflora ... Zürich (Verlag von Albert Raustein ...) [1904-] 1908. Oct. (*Pfl.-Leb. Alpen*).
Collaborators: Ludwig Schroeter (1861-1929) ills.; Emil August Günthart (1879-?), Heinrich Brockmann-Jerosch (1879-1939), Paul Vogler (1875-?).
Publ.: 1904-1908 (in 6 Hefte), p. [i]-xvi, [1]-806, [807, err.], *pl. 1-5*, 4 charts. *Copies*: BR, G, HH, MO, NY (orig. covers), PH, USDA.
1: Mai-Jun 1904 (p. 6: Mai 1904; ÖbZ for Mai-Jun 1904; AbZ 15 Sep 1904; Nat. Nov. Jun(2) 1904), p. [1]-124.
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Co-author: Charles Henri Marie Flahault (1852-1935).
Publ.: Apr-Mai 1910, p. [i, iii], [1]-28, [29], [i]-x. *Copies*: FAS, G. – Document issued for iii. Congrès international de Botanique, Bruxelles, 14-22 Mai 1910.
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11.181. *Genetische Pflanzengeographie* ... Jena (Verlag von Gustav Fischer) 1913. Qu.
Publ.: 1913, cover-t.p., p. [907]-942. *Copy*: G. – Reprinted from Handw.-Buch Naturw. 4: [907]-942. 1913.

11.182. *Der Aletschwald* ... Separatabdruck aus der Schweizer. Zeitschr. für Forstwesen. 1916. Oct.
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Publ.: 1918, p. [i], [170]-211, *6 pl. Copy*: M. – Reprinted and to be cited from Jahrb. Schweiz. Alpenclub 52: [170]-211, *6 pl.* 1918. – Contains also: E. Chaix, *Les formes topographiques du Parc national suisse.*

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11.185. *Flora des Südens* d.h. "Insubriens" des südlichen Tessins und Graubündens und des Gebietes der oberitalienischen Seen (Langensee bis und mit Gardasee) ... Zürich und Leipzig (Rascher Verlag) 1936. Oct. (*Fl. Süd.*).
Publ.: Jan-Mar 1936 (Nat. Nov. Apr 1936), frontisp., p. [i]-viii, [1]-151, *pl. 1-69, 15a-d, 37a, 38a, 39a*, (of which 32 in color), with text. *Copies*: B, BR, FI, G, M, MO, PH.
Ed. 2: 1956 (p. 9: Apr 1956), p. [1]-167, *pl. 1-105* with text. *Copies*: G, H, M, NY, PH, Wagenitz. – "*Flora des Südens* die Pflanzenwelt Insubriens (Täler zwischen Ortasee und Comersee). Zweite Auflage, vollständig neu bearbeitet von E. Schmid ..." Rascher Verlag, Zürich und Stuttgart.
Italian translation (of orig.), 1950 , p. [i]-xii, [1]-151, [152, printed Sep 1950], *pl. 1-69, 15a-d, 37a, 38a, 39a*, with text. *Copy*: G. – *Flora d'Insubria* ossia del Ticino e dei Grigioni meridionali e dei laghi dell'Alta Italia (dal Verbano al Garda) ... versione italiana del Dr. M. Jäggli. [Mano Jäggli, 1880-1959, see TL-2/3268-3269].

Schröter, Joseph (1837-1894), German (Silesian) physician and botanist (especially mycologist); Dr. med. Berlin 1859; military physician with the Prussian army in Saarlouis, Jülich, Aachen and, from 1865-1870, with the Garde-Grenadier-Regiment Königin Elisabeth in Breslau; associated with F. Cohn at the plant physiological institute; on active duty in the Franco-Prussian war 1870-1871, involved in the battle of Sedan; from 1871-1874 at Rastatt; from 1874 again stationed in Breslau; habil. Breslau (mycology and bacteriology) 1886; from 1890 with the professor's title; retired from the army in 1892. (*J. Schröt.*).

HERBARIUM and TYPES: WRSL. – *Exsiccatae*: *Die Pilze Schlesiens*, sets at C, H, PAD, S. – *Letters* to W.G. Farlow at FH.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 157, 226, 319, 320; Barnhart 3: 242 (b. 14 Mar 1837, d. 6 Dec 1894); Biol.-Dokum. 16: 8315; BJI 1: 52; BM 4: 1864-1865; Bossert p. 355 (d. 12 Dec 1894); CSP 8: 889, 11: 345-346, 18: 591; De Toni 1: cxiii; Frank 3(Anh.): 93; GR p. 47, cat. p. 71; Hawksworth p. 185; Kelly p. 208-209; KR p. 630; LS 5425, 24240-24312, 39045-39047 (bibl.); Moebius p. 74, 101, 375; Morren ed. 2, p. 12, ed. 10, p. 10, 23; Nordstedt p. 29; Stevenson p. 1257; TL-2/1159, 2862; Tucker 1: 637; Urban-Berl. p. 281.

BIOFILE: Anon., Bot. Centralbl. 44: 304. 1890 (professor's title), 61: 32. 1894 (d.); Bot. Not. 1895: 38 (d.); Bot. Zeit. 48: 835. 1890 (professor's title), 53: 56. 1895 (d.); Bull. Soc. bot. France 41: 623. 1894 (d.); Hedwigia 34(1): (39). 1895 (d.); Leopoldina 31: 55. 1895 (obit. not.); Österr. bot. Z. 41: 39. 1891 (professor's title), 45: 39. 1895 (d.); Verh. bot. Ver. Brandenburg 36: lxxxix. 1895 (d.).
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Seidel, M., Schweiz. Z. Pilzk. 12: 177-178. 1937 (portr., obit.), 17: 26-29. 1938.
Verdoorn, F., ed., Chron. bot. 2: 25. 1936.

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(2) *Fungi, in* EP, *Nat. Pflanzenfam.* 1(1): 1-32. Sep 1889, 33-80. Aug 1892, 81-126. Oct 1893, 129-176. Dec 1894 (Myxophyc.: Acrasieae, Phytomyxinae, Myxogasteres; Eumycetes: Chytridineae, Ancylistineae, Saprolegniineae, Monoblepharidineae, Perenosporineae, Mucorineae, Entomophterineae, Hemiascineae, Protodiscineae; Helvellineae and Pezizinae (p. 173-178; continued by G. Lindau p. 179-243)).

EPONYMY: *Schroeterella* H. Sydow (1922); *Schroeteria* G. Winter (1881); *Schroeteriaster* Magnus (1896).

11.186. *Die Brand- und Rostpilze Schlesiens* [Abh. Schles. Ges. naturw. Abth. 1869], [1870]. Oct.
Publ.: 1871 (in journal), p. [1]-31. *Copy*: H (inf. P. Isoviita). – Reprinted and to be cited from Jahresber. Schles. Ges. vaterl. Cult. 49 (Abh.)(for 1869): 1-31. 1871. – Preliminary publ. 48: 91-92. 1870.

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Publ.: 1880, p. [1]-17. *Copy*: H (inf. P. Isoviita). – Reprinted and to be cited from Jahresber. Schles. Ges. vaterl. Cult. 1880: 162-175.

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Publ.: 1885-1908, as vol. 3 (1, 2) of F. Cohn, *Kryptogamen-Flora von Schlesien*, see TL-2/1159. – *Copies*: B, BR, MO,US.
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3(2): 1893-1908, in 5 Hefte, p. [ii-iii], [1]-500; ctd by Alexander Lingelsheim [1874-1937]: 500a, 501-597.
Dates: see TL-2/1159 (vol. 1, p. 520); corrections: Heft 1 of 3(2) was published 1-15 Oct 1893; Heft 4 of 3(2): 1-10 Aug 1897.
Facsimile ed.: Lehre (J. Cramer) 1972, Bibliotheca mycologica 34, ISBN 3-7682-0761-7.
Ref.: Fischer, Ed., Bot. Zeit. 48: 76-78. 1890 (rev. 3(1)).
Zimmermann (Chemnitz), Bot. Centralbl. 23: 35-37. 1885, 31: 1-4. 1887, 35: 385-390. 1888, 39: 80-82. 1889, 43: 177-180. 1890.

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Co-author: Ferdinand Julius Cohn (1828-1898).
Publ.: 1891, p. [1]-16, [1, expl. pl.], *pl. 1* (lith., auct.). *Copy*: USDA. – Reprinted and to be cited from Abh. naturw. Ver. Hamburg 11(2): 3-16, [1]. *pl. 1*. 1891.

Schrüfer, Theodor (1836-1908), German (Bavarian) priest and palaeobotanist; high

school teacher ("Lyceal-Professor") for chemistry and natural history at Bamberg 1865-1904. (*Schrüfer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Quenstedt p. 489 (further biogr. refs.).

BIOFILE: Zittel, K.A. von, Gesch. Geol. Palaeont. 527. 1899.

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Schube, Theodor (1860-1934), German (Silesian) botanist and high school teacher; pupil of Engler at the Breslau Magdalenäum in 1870; studied at the University of Breslau with F. Cohn, A. Engler and F. Pax; Dr. phil. ib. 1885; high school teacher ib. from 1885; active floristic botanist and conservationist. (*Schube*).

HERBARIUM and TYPES: WRSL. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 242 (b. 8 Oct 1860, d. 6 Jun 1934); BFM 265, 266, 279, 280, 3036; Biol.-Dokum. 16: 8320; BJI 1: 52, 2: 159; BM 4: 1865; CSP 18: 592; DTS 6(4): 195; Futak-Domin p. 531-534 (bibl.); Herder p. 434; Hirsch p. 267; IF suppl. 4: 338; Klásterský p. 168; Rehder 5: 780; TL-2/7544; Tucker 1: 637, 3: 274.

BIOFILE: Anon., Ber. deut. bot. Ges. 52: 283. 1934 (d.).
Limpricht, W., Jahresber. Schles. Ges. vaterl. Cult. 107: 28-35. 1935 (obit.).
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Ref.: Pax, F., Bot. Jahrb. 34 (Lit.): 68-69. 1905 (rev.).

11.198. *Waldbuch von Schlesien.* Nachweis der beachtenswerten und zu schützenden Bäume und Sträucher Schlesiens nebst einer Charakteristik seiner wichtigsten Holzgewächse ... Breslau (Verlag von Wilh. Gottl. Korn) 1906. Oct. (*Waldbuch Schles.*).*Publ.*: 1906 (p. 7: Nov 1905; ÖbZ for Mar-Mai 1906; Nat. Nov. Mar(2) 1906), p. [1]-180. *Copy*: HH.
Ergänzungen: 1910, cover-t.p., p. [108]-127. *Copy*: M. – Preprinted and to be cited from Jahresber. Schles. Ges. vaterl. Cult., zool.-bot. Sekt. 88: [108]-127. 1911. For a list of all preliminary and supplementary publications to the *Waldbuch* see F. Pax, 1929, no. 788.
Ref.: Wangerin, W., Bot. Centralbl. 105: 13. 1907 (rev.).

11.199. *Gartenpflanzen in Schlesien im Zeitalter Ludwigs xiv.* ... wissenschaftliche Beilage zum Jahresberichte 1910/1911 des Realgymnasiums am Zwinger zu Breslau. Progr. Nr. 301. Breslau (Druck von Grass, Barth & Comp. (W. Friedrich)) [1911]. (*Gartenpfl. Schlesien Ludw. xiv*).
Publ.: 1912 (Nat. Nov. Mai(2) 1911), p [1]-35. *Copies*: B, M, MO.

Schubert, Gotthilf Heinrich von (1780-1860), German (Saxonian) philosopher, physician and natural scientist; Dr. med. Jena 1803; practicing physician at Altenburg 1803-1805, in Freiberg 1805-1807, in Dresden 1807-1809; teacher at Nürnberg 1809-1816; private teacher at Ludwigslust 1816-1818; professor of general natural history and philosophy at Erlangen 1819-1827, id. at München, also curator of the zoological and

mineralogical collections of the state of Bavaria ibid. 1828-1853; travelled in Egypt, Palestine, Lebanon and "Arabia petraea" in 1836-1837. (*Schub.*).

HERBARIUM and TYPES: The collections made on the trip to the Middle East (presumably not by Schubert but by J.R. Roth) are at M (through Zuccarini). – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 631-635 (W. Hess); AG 3: 164; Backer p. 520 (err.); Barnhart 3: 242 (b. 26 Apr 1780, d. 1 Jul 1860); BM 4: 1865, 8: 1163; Bossert p. 356; CSP 5: 558.; Herder p. 33, 59; Jackson p. 46, 96; KR p. 630-631; NI 1814n, na, 3: 61; PR ed. 1: 4312, 7422, 9107, 9353-9355; Quenstedt p. 309; Rehder 1: 85, 87, 309; SO add. 879***; TL-2/6679; see C.F. Hochstetter, J.R. Roth.

BIOFILE: Anon., Biogr. Jahrb. deut. Nekrol. 2: 39*. 1898; Bonplandia 8: 248, 363 1860 (d.); Bot. Zeit. 11: 662 (decoration), 768 (Geheimrath) 1853, 18: 252. 1860 (obit.); Brit. Mus., Gen. cat. print. books 216: 340-344. 164 (82 nos.); Flora 37: 15. 1854 (order of Maximilian), 43: 768. 1860 (d.); Österr. bot. Zeit. 10: 231. 1860 (d.).
Bendixen, R., Bilder aus der letzten religiösen Erweckung in Deutschland 63-80. 1897 (n.v.).
Blatter, E., Rec. Bot. Survey India 8(5): 466, 467. 1933 (travels, coll. Aden).
Gager, C.S., Brooklyn Bot. Garden Record 27(3): 223. 1938 (dir. bot. garden Erlangen 1818-1824).
Heinsius, W., Allg. Büch.-Lex. 3: 646. 1812, 5: 505. 1807, 6: 764. 1822, 7(2): 294-295. 1829, 8(2): 246. 1838, 9(2): 269-270. 1849, 10(2): 248. 1849, 11(2): 265-266. 1855, 12(2): 287. 1858, 13(2): 364. 1863, 14(2): 438. 1871, 15(2): 555. 1878.
Hönncher, G.H. von, Klin. Wochenschr. 1: 1366-1368. 1936 (S. and the psychology of the "Romantik").
Koenen, H.J., Gedachtenis-Rede op G.H. von Schubert. Eene voorlezing. Amsterdam (H. Höveker) 1861, 48 p. (biogr., bibl., handwriting, portr.; mainly on S.'s theological attitude as a Christian mystic).
Lothar-Reinsch, E., *in* A. Chroust, ed., Lebensläufe aus Franken 5: 349-358. 1936 (detailed biogr.; bibl.).
Martius, C.F.P. von, Akad. Denkreden 442. 1866 (brief note).
Merkel, F.R., Der Naturphilosoph G.H.S. und die deutsche Romantik, 1913.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 852. 1863, 7a (suppl.): 606-609. 1971 (extensive treatment, many biogr. refs. and secondary refs.).
Schiff, J., Mitt. Gesch. Med. 18: 17-23. 1919.
Schmid, G., Goethe u.d. Naturw. 575-576, 617. 1900.
Wagner, A., Denkrede auf Gothilf Heinrich von Schubert, München 1861, 54 p. (obit., bibl.).
Zischka, G.A., Allg. gelehrt.-Lex. 587. 1961 (b. 26 Apr 1780, d. 1 Jul 1860).
Zittel, K.A. von, Gesch. geol. Paläont. 202, 247. 1899; Hist. geol. palaeont. 166. 1901.

NOTE: (1) Published a *Lehrbuch der Naturgeschichte* für Schulen und zum Selbstunterricht. Erlangen (Heyder) 1823; ed. 15 ib. 1846 (fide PR ed. 1, no. 9353). – The botanical part was republished with plates by Ch.F. Hochstetter, as *Naturgeschichte des Pflanzenreiches in Bildern*, Stuttgart & Esslingen 1854; ed. 2. 1865, ed. 3. 1870, facs. ed. 1879, see below. This was preceded by a Dutch edition of the botanical part, *Leerboek der Plantkunde*, Gouda 1846 (publ. 28 Sep-3 Oct 1846), iv, 134 p.
(2) A. Schenk, *Plantarum species, quas in itinere per Aegyptum, Arabiam et Syriam* cli. viri. G.H. de Schubert, M. Erdl, et J.R. Roth collegerunt. Recensuit et ex parte descripsit A. Schenk, ... Monachii [München] 1848, vi, 46 p., index, see under A. Schenk.
(3) Schubert was a nature-philosopher who drifted towards a Christian mystic-ascetic attitude. He published a treatise on the *Nachtseite der Naturwissenschaft* and many literary and philosophical-theological treatises. His trip to the Middle East with J.R. Roth (who collected the plants) was made for religious reasons and considered by him to be a pilgrimage.
(4) For a very extensive list of biographical and bibliographical references see Poggendorff 7a: 606-609.

HANDWRITING: Koenen, H.J., Gedachtenis-Rede op G.H. von Schubert, Amsterdam 1861, chart.

EPONYMY: *Schubertia* C.F.P. Martius (1824, *nom. cons.*). *Note*: *Schubertia* Blume (1826) honors Carl Schubert (*fl.* 1820's), German cryptogamist.

11.200. *Von dem Vergehen und Bestehen der Gattungen* und Arten in der organischen Natur. Eine Rede gehalten in der öffentlichen Sitzung der Königlichen Akademie der Wissenschaften zur Feyer ihres 71sten Stiftungstages am 27. März 1830 ... München (bei Anton Weber) 1830. (*Vergehen Bestehen Gatt.*).
Publ.: 1830, p. [1]-20. *Copies*: HH, NSUB.

11.201. *Reise in das Morgenland* in den Jahren 1836 und 1837 ... Erlangen (bei J.J. Palm und Enke) 1838-1839, 3 vols. (*Reise Morgenland*).
Ed. 1: 1838-1839. *Copies*: LC (vol. 3), NSUB (1-3).
1: 1838, p. [i]-xviii, [1]-532.
2: 1839, p. [i]-xiv, [1]-591, [592, err.].
3: 1839, p. [i]-xx, [1]-576, 1 map.
Ed. 2: 1840. *Copy*: LC.
1: 1840, p. [i]-xviii, [1]-532.
2: 1840, p. [i]-xii, [1]-595.
3: 1840, p. [i]-xx, [1]-580, map.

11.202. *Naturgeschichte des Pflanzenreiches* in Bildern. Nach der Anordnung des allgemein bekannten und beliebten Lehrbuchs der Naturgeschichte von Dr. G.H. v. Schubert, ... bearbeitet von Professor M.Chr. F. Hochstetter ... Stuttgart und Esslingen (Verlag von Schreiber & Schill) [1853-1854]. Fol. (*Naturgesch. Pflanzenr.*).
Ed. 1: 1853-1854 (Lief. 1, 1853, Flora 21 Sep 1853; there will be five parts; review of completed work ÖbW 20 Jul 1854), p. [i-vii], [1]-39, [41-44], [1]-40, [1-7], *pl. 1-52*. *Copies*: B, NSW (collation uncertain).
Ed. 2: 1865, p, [i-viii], [1]-[44], *pl. 1-52* (col. liths.), [i-iv key], [1]-[42]. *Copy*: MO. – Edited by Christian Ferdinand Hochstetter (1787-1860), see TL-2/2832-2836.
Ed. 3: 1870 (p. [vi]: Feb 1869; t.p. 1870 but Bot. Zeit. 17 Sep 1869 as of "1869"), p. [i-vi], [1]-60, [1-4, indexes], *pl. 1-53* (col. liths). *Copy*: [unidentified]. – "Naturgeschichte des Pflanzenreichs, mit 601 Abbildungen auf 53 Tafeln. Nach Professor Dr. G.H. von Schubert's Lehrbuch der Naturgeschichte herausgegeben von Professor M. Chr.Fr. Hochstetter. Dritte Auflage neu bearbeitet von Dr. Moritz Willkomm ... Esslingen (Verlag von J.F. Schreiber 1870. – Alt. t.p.: *Naturgeschichte des Thier-, Pflanzen- & Mineralreichs* ... zweite Abtheilung Naturgeschichte des Pflanzenreichs ...".
Facsimile ed. of ed. 3: 1879, as above (t.p. reset). *Copy*: B. – On t.p. "Dritte Auflage. Sechster Stereotyp-Abdruck" Esslingen (Verlag von J.F. Schreiber) 1879. Fol. – The 8th "Stereotyp-Abdruck" is mentioned by Bot. Centralbl. 25: 165. 1-5 Feb 1886 as of "1885". We have seen no copy of the first printing of this facsimile.
Hungarian ed. of ed. 3, n.v., see Bot. Centralbl. 17: 55. 7-11 Jan 1884.
Ed. 4: 1887-1888 (in 13 Lieferungen; Lief. 1-5 Bot. Centralbl., 23-27 Mai 1887; Lief. 1-5, ÖbZ 1 Apr 1887; Lief. 6-13, ÖbZ 1 Jun 1888), p. [i*-vii*], [i]-viii, [1]-77, *pl. 1-54*. *Copy*: PH. – "Naturgeschichte des Pflanzenreichs nach dem Linnéschen System ..." edited by Moritz Willkomm, with a preface by G.H. v. Schubert. – Esslingen & Munchen (Verlag von J.F. Schreiber) s.d.
French ed. s.d., p. [i-vii], [1]-40, [41-42, index, 43, glossary], *pl. 1-52*. *Copies*: B, Hamilton Coll. Libr. (*pl. 20 lacking*). *Histoire naturelle du règne végétal* ... Esslingen (J.F. Schreiber); imprint copy B: Stuttgart (Schreiber & Schill, ...) s.d.
Ref.: Roth, E., Bot. Centralbl. 30: 227. 23-27 Mai 1887 (Lief. 1-5), 30: 179. 9-13 Mai 1887 (now complete), 36: 65-66. 1888 (rev. completed work).

Schubert [Szubert], **Michael** [Mikael] [1787-1860], German-born botanist; professor of botany and director of the botanical garden at Warsaw. (*M. Schub.*).

HERBARIUM and TYPES: WA; further material at LE, MW. – Letters at G.

BIOFILE: Barnhart 3: 242 (d. Mai 1860); BM 4: 2068; Herder p. 162; PR 8407-8409, ed. 1: 9356-9359; Rehder 1: 41, 4: 79; TR 285.

BIOFILE: Anon., Bonplandia 8: 218. 1860 (d.); Bot. Zeit. 18: 328. 1860 (d.); Österr. bot. Z. 10: 201. 1860 (d.).
Candolle, Alph. de, Phytographie 448. 1880 (herb., 12.780 sp., at Warsaw bot. gard.)..
Hryniewicki, B., Bibl. fl. Polsk. 17, 133. 1925; Edward Strasburger 8, 41, 87. 1938; Acta Soc. bot. Poloniae 20 (suppl.): 22-23. 1951 (portr.).
Lindemann, E. v., Bull. Soc. imp. Natural. Moscou 61(1): 75. 1886.

EPONYMY: *Schubertia* Mirbel (1812, *nom. rej.*).

11.203. *Spis roślin* ogrodu botanicznego królewsko-warszawskiego uniwersytetu wydany przez M. Szuberta ... w Warszawie (w Drukarni J.C.K. Mości Rzadowéy ...) 1820. Oct. (*Spis rośl.*).
Ed. 1: 1820, p. [i]-xiv, [1]-156. *Copy*: NSUB.
Supplements (n.v.): Dodatek do spisu roślin ... 22 p., 1820, 26 p. 1822.
Ed. 2: 1824, frontisp., p. [i*-vii*], [i]-viii, [i]-xliv, 1-583, [585-588], 1 map. – W Warszawie (w drukarni Szkolnéy) 1824. *Copies*: B-S, HH. – Other t.p.: *Catalogue des plantes du Jardin botanique* de l'Université royale de Varsovie. Publié par M. Schubert, ... à Varsovie, de l'Imprimerie des Écoles, 1824.

11.204. *Opisanie drzew i krezewow leśnych krolestwa polskiego* ... W Warszawie (w drukarni N. Glücksberga, ...) 1827. Oct. (*Opis. drzew*).
Publ.: 1827, p. [i*-xi*], [i]-xxxiv, [1]-357, [1-13]. *Copy*: B-S. – Descriptions of the trees and shrubs growing in the kingdom of Poland.

Schuchardt, [Conrad Gideon] Theodor (1829-1892), German (Silesian) botanist; Dr. phil. Göttingen 1853; high school teacher at Dresden 1856-1857; idem at the agricultural college of Regenwalde (Hinterpommern) 1857-1858; lecturer in botany and director of the botanical garden of the agricultural college of Waldau nr Königsberg 1858-1859; later at Görlitz as founder and owner of a chemical phamaceutical factory. (*Schuchardt*).

HERBARIUM and TYPES: GLM. – Schuchardt left a considerable herbarium which was offered for sale after his death. – 3 fascicles of exotic lichens were at B (Urban, Gesch. p. 290). – Correspondence with D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 242 (b. 22 Jun 1829); BM 4: 1865; CSP 5: 562; Herder p. 335; LS 24324-24326; PH 1-B; PR 8412; Rehder 2: 429; Tucker 1: 637; Urban-Berl. 290.

BIOFILE: Anon., Bonplandia 6: 133. 1858 (to Waldau); Bot. Centralbl. 52: 144. 1892 (herbarium for sale); Bot. Jahrb. 15 (Beibl. 35): 15. 1892 (d. 15 Apr 1892); Bot. Zeit. 14: 192. 1856 (teacher at Blochmann-Institute, Dresden), 16: 152. 1858 (to Waldau), 17: 328. 1859 (has left Waldau); Flora 39: 287. 1856 (app. Dresden), 41: 304. 1858 (from Regenwalde to Waldau).
Ascherson, P.F.A., Nachtr. Fl. Magdeburg 71. 1894.
Glotz, E., Abh. Ber. Naturk.-Mus. Görlitz 30, 32. 1961.

11.205. *Synopsis Tremandrearum.* Dissertatio inauguralis botanica quam consensu et auctoritate amplissimi philosophorum ordinis in alma litterarum universitate Georgia Augusta ut summos in philosophia honores rite adipisceretur scripsit Theodorus Schuchardt, silesius. Gottingae [Göttingen] (typis expressit officina Academia Dieterichiana (Guil. Fr. Kaestner)). 1853. Oct. (*Syn. Tremandr.*).
Publ.: 1853, p. [i-iii], [1]-49. *Copies*: G, HH, M, MO, NY, USDA.
Ref.: Anon., Bonplandia 2: 295. 1854 (rev.).
Fürnrohr, A.E., Flora 37: 473-475. 1854 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 12: 133-134. 1854 (rev.).

11.206. *Synopsis Stackhousiacearum* [Linnaea 26(1), 1854]. Oct.
Publ.: Feb 1854 (in journal), p. [1]-42. *Copy*: G. – Published in and to be cited from Linnaea 26(1): 1-42. Feb 1854.
Ref.: Hooker, W.J., J. Bot. Kew Gard. Misc. 6: 192. Jun(?) 1854, 6: 320. Oct(?) 1854.

Schübeler, Frederik [Fritz] **Christian** (1815-1892), Norwegian botanist; cand.-med. Christiania (Oslo) 1840, practicing at the state hospital in Christiania 1840-1843, subsequently, until 1847, Odalen and Lillesand; travelled in western and central Europe 1848-1851 dedicating himself to botany; lecturer for botany 1851, and, from 1852-1861 curator of the botanical museum of Christiania University; extraordinary professor (1864), and ordinary professor of botany (1866) ib., also director of the University botanical garden 1864-1892. (*Schübeler*).

HERBARIUM and TYPES: O; further material in C. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 243 (b. 25 Sep 1815, d. 20 Jun 1892); BJI 1: 52; BL 2: 444, 715; BM 4: 1865, 8: 1163; Bossert p. 356; CSP 5: 555, 8: 889, 18: 595; De Toni 1: cxiii; Frank 3(Anh.): 93; GR p. 719; Herder p. 168, 195, 236; Jackson p. 334, 414 (err. Schuebler); Kleppa p. 331 (index, bibl.); KR p. 634; LS 24328, 39055; Morren ed. 2, p. 31, ed. 10, p. 108; PR 8413-8415; Rehder 5: 780-781; Tucker 1: 637-638; Urban-Berl. p. 268, 272.

BIOFILE: Anon., Bot. Centralbl. 51: 127. 1892 (d.); Bot. Jahrb. 16 (Beibl. 36): 42. 1892 (d.); Bot. Not. 1851: 255 (lecturer Christiania), 1858: 102 (stipend), 1871: 69 (lectures), 1873: 31 (id.); Bot. Not. 1892: 184-186 (obit.); Bot. Zeit. 18: 304. 1860 (descr. coll. Christiania; Schübeler curator Bot. Mus.); Flora 47: 540. 1864 (app. Christiania); Leopoldina 28: 157. 1892 (obit. not.); Norsk Havetidende 17(10): 149-152. 1901; Österr. bot. Z. 15: 25. 1865 (app. Christiania); Verh. bot. Ver. Brandenburg 34: lxxix. 1893 (d.).
Brunchorst, J., Naturen 16: 225-227. 1892 (obit.).
Errera, L., Bull. Soc. Bot. Belg. 32 (C.R.): 81-83. 1893 (obit.).
Gager, C.S., Brooklyn Bot. Gard. Record 27(3): 313. 1938 (dir. bot. garden 1864-1892).
Nordhagen, R., Norsk biogr. leks. 13: 60-66. 1958 (b. 25 Sep 1815, d. 20 Jun 1892).
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Weydahl, K., Norsk Havetidende 31: 201-223. 1915 (commemoration).
Wille, N., Ber. deut. bot. Ges. 10: (44)-(52). 1892. (obit.).
Wittmack, L., Deut. Gart.-Zeit. 1886: 315-317 (biogr. sketch, portr.).
Wittrock, V.B., Acta Horti Berg. 3(2): 171, *pl. 16.* 1903 (portr.).

11.207. *Ueber die geographische Verbreitung der Obstbäume* und beerentragenden Gesträuche in Norwegen ... Hamburg (Verlag von Robert Kittler) 1857. Oct.
Publ.: 1857 (Flora rd 14 Nov-13 Dec 1857), p. [i-ii], [1]-40. *Copies*: B, MO. – Reprinted and to be cited from Hamburger Garten- und Blumenzeitung 13: 289-312, 337-353. 1857. – Kleppa p. 242.
Ref.: Anon., Flora 41: 749. 14 Dec 1858 (rev.).
Regel, E.A., Gartenflora 8(2): 58. Feb 1859 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 15: 821-823. 20 Nov 1857 (rev.).

11.208. *Die Culturpflanzen Norwegens* beobachtet von Dr. F.C. Schübeler, conservator d. botan. Museums d. Kgl. Norw. Universität. Mit einem Anhange über die altnorwegische Landwirthschaft ... mit einem Vorwort von Chr. Boeck, ... Christiania [Oslo] (Gedruckt bei Brøgger & Christie) 1862. Qu. (*Culturpfl. Norw.*).
Preface: Christian Peter Bianco Boeck (1798-1877), professor of physiology, Roy. Norwegian University.
Publ.: Apr-Mai 1862 (p. iv: Feb 1862; issued as Univ. program first sem. 1862; KNAW rd Dec 1862; Bonplandia 1 Jun 1862), p. [i]-vi, [vii, cont.], [1]-197, map, *pl. 1-12* (charts), *13-24* (uncol. liths.). *Copies*: B, FI, G, HH, KNAW, MO, NY, PH, USDA. – Kleppa p. 242.
Extracts: *German*, Breslau 1864, 67 p., Fr. v. Thillau (n.v.), *English*: M.R. Barnard, Synopsis of the vegetable products of Norway 1862, 31 p., see below.

Ref.: Anon., J. Bot. 1: 121-125. Apr 1863 (rev.).
F. v. H., Gartenflora 12: 301-303. Sep 1863 (rev.).
A.Z., Bonplandia 10: 171. 1 Jun 1862 (rev.).

11.209. *Synopsis of the vegetable products of Norway* by Dr. F.C. Schübeler. Translated from the m.s. by Revd. M.R. Barnard, ... British chaplain, Christiania. Christiania [Oslo] (printed by Brøgger & Christie) 1862. Qu. (*Syn. veg. prod. Norway*).
Publ.: 1862, p. [1]-31, map. *Copies*: FI, G, H, PH, USDA. – An English extract of *Culturpfl., Norw.* 1862, see above.

11.210. *Die Pflanzenwelt Norwegens.* Ein Beitrag zur Natur- und Culturgeschichte Nord-Europas ... Christiania [Oslo] (A.W. Bröggers Officin) 1873-1875, 2 parts. Qu. (*Pfl.-Welt Norw.*).
Publ.: in two parts, 1873 and 1875. *Copies*: B, BR, FI, G, H, HH, KNAW, MO, NY, PH, US, USDA. – Kleppa p. 242.
[*1*] (*Allgemeiner Theil*): Jan-Apr 1873 (KNAW rd Mai 1873; Bot. Zeit. 11 Jul 1873 rev.; Flora rd 11-20 Jul 1873), p. [i* interim t.p. dated 1873], err. slip, [1]-88, 15 maps, folding map.
[*2*] (*Spezieller Theil*): Oct-Dec 1875 (p. viii: Sep 1875; Bot. Zeit. 11 Feb 1876; Flora rd 21 Mar-30 Apr 1876), p. [i, general t.p. for entire volume, dated 1873-1875]-viii, [89]-468.
French extract: 1879, 91 p., Règne végétal de la Norvège, Châlons-sur-Marne (n.v.).
Ref.: G.K., Bot. Zeit. 31: 445-447. 11 Jul 1873 (rev.), 34: 207. 31 Mar 1876. Thielau, F. von, Einige neuere Beobachtungen aus ... Die Pflanzenwelt Norwegens ..., Berlin 1876, iv, 30 p., see under Thielau.

11.211. *Pflanzengeographische Karte über das Königreich Norwegen.* Christiania [Oslo] 1873.
Publ.: 1873 (Bot. Zeit. 11 Jul 1873; J. Bot. Aug 1873), map 89 × 65 cm; published for World Exhibition Vienna 1873.
Ed. 2: 1875, map 151 × 115 cm, for Geographical Congress, Paris 1873, n.v.
Ed. 3: 1878, map (4 lvs). *Copy*: NSUB. – *Carte géographique des végétaux du Royaume de Norvège* Christiania 1878. Amended; for World Exhibition Paris 1878.

11.212. *Vaextlivet i Norge*, med saerligt hensyn til Plantegeographien ... udgivet som Festskrift til Kjøbenhavns Universitets 400 aars Jubileum ... Christiania [Oslo] (W.C. Fabritius's Bogtrykkeri) 1879. Qu. (*Vaextliv. Norge*).
Publ.: Jun 1879 (p. viii: 17 Mai 1879; Bot. Centralbl. 12-23 Jan 1880; Nat. Nov. Jul(2) 1879), p. [i]-viii, [1]-143, *pl. 1-9* (maps). *Copies*: B-G, B-S, BR, FI, H, HH, KNAW, MICH, MO, NY. – Kleppa p. 142. – A list of publications by Schübeler is given on p. 2 of the cover. The 1878 edition, 4 lvs., fol., of Schübeler's *Carte géographique des végétaux du royaume de Norvège*, Christiania 1878, can be considered to illustrate the *Vaextliv. Norge.*
Ref.: Mortensen, H., Tidsskr. pop. Fremst. Naturvid. 28: 135-153. 1881 (n.v.).

11.212a. *Règne végétal de la Norwège* devant servir à l'histoire des plantes spontanées et cultivées du nord de l'Europe, par le docteur Schubeler [sic] ... Rapport de M. Juglar, ... Chalons-sur-Marne (Imprimerie T. Martin, ...) 1879. Oct. (*Regn. vég. Norw.*).
Publ.: 1879, p. [1]-91. *Copy*: HH.

11.213. Viridiarium norvegicum. *Norges Vaextrige.* Et Bidrag til Nord-Europas Natur- og Culturhistorie ... Christiania [Oslo] (Trykt hos W.C. Fabritius) 1885-1889. Qu. (*Norg. vaextrig.*).
1(1): Jan-Jun 1885 (cover: issued with univ. progr. sem. 1, 1885; J. Bot. Sep 1885; Bot. Zeit. 28 Aug 1885; Nat. Nov. Aug(1) 1885), cover, p. [1]-400, *pl. 1-4* (maps).
1(2): Jul-Dec 1886 (cover: issued with univ. progr. sem. 2, 1886); cover dated 1886), cover, p. [i, iii, t.p. for vol. 1], 401-610.
2(1): Jul-Dec 1886 (issued in one cover with 1(2); Nat. Nov. Jun(1) 1887), p. [1]-192.
2(2): Jan-Feb 1888 (cover dated 1888 but states that this Heft was issued for the second semester of 1887; Akad. Sci. Sweden rd before 11 Apr 1888; Nat. Nov. Mar(2) 1888), p. [i, iii], 193-587.

3: Sep-Oct 1889 (p. vi: 19 Aug 1889; Bot. Centralbl. 3 Dec 1889; Nat. Nov. Nov(2) 1889), p. [i*], portr. author, [iii*], [i]-vi, [1]-679.
Copies: B-S, BR, FI, H, HH, KNAW, MO, PH, USDA. – Kleppa p. 243.
Additions: see *Tillaeg Virid. norv.*, 1891, below.
Ref.: Foslie, M.H., Bot. Centralbl. 28: 203-205. 15-19 Nov 1886 (1(1)), 30: 263-269. 30 Mai-3 Jun 1887 (1(2), 2(1)), 36: 174-176. 5-9 Nov 1888 (2(2))(rev.).
Sanio, C., Bot. Centralbl. 31: 27-28. 4-8 Jul 1887 (brief notes on *Corylus avellana* and *Populus tremula*).

11.214. *Tillaeg til Viridiarum norvegicum* ... I. ... Kristiania [Oslo] (Det Mallingske Bogtrykkeri) 1891. Oct.
Publ.: 1891 (Nat. Nov. Jul(2) 1891), p. [i], [1]-102. *Copies*: G, H, KNAW. – Reprinted and to be cited from Nyt Mag. Naturvid. 32: [141]-242. 1892 [1891]. – Kleppa p. 243.

Schübler, Gustav (1787-1834), German (Württemberg) natural scientist; Dr. med. Tübingen 1810; practicing physician at Stuttgart ca. 1811; teacher of natural sciences at Hofwyl (Fellenberg Inst.) 1812-1817; professor of botany, natural history and agricultural chemistry at Tübingen 1817-1834. (*Schübl.*).

HERBARIUM and TYPES: Some material at HOH and M.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 639-640 (E. Wunschman); Barnhart 3: 243 (b. 15 Aug 1787, d. 8 Sep 1834); Biol.-Dokum. 16: 8332; BM 4: 1866-1867, 8: 1164; CSP 5: 559-562 (bibl.); DTS 1: 272-273; Frank 3 (Anh.): 93; Futak-Domin p. 534; Herder p. 121, 168, 188, 189, 254, 277; Hortus 3: 1203; PR 8416-8453, 2581, 5848, 8107, ed. 1: 116, 2872, 9362-9400; Quenstedt p. 390; Rehder 5: 780; TL-2/4270, 5480, see C.A. Kemmler; Tucker 1: 638; Zander ed. 10, p. 714, ed. 11, p. 814.

BIOFILE: Anon., Flora 9: 349. 1826 (bot. activities Tübingen), 16: 269-270. 1833, 18: 416. 1835 (succeeded by H. Mohl at Tübingen); Index biogr. Acad. Sci. 462-463. 1954.
Günther, Arch. Gesch. Naturw. Techn. 3: 241-249. 1910 (on Sch. as phenologist).
Heinsius, W., Allg. Büch.-Lex. 8(2): 247. 1838, 9(2): 270. 1849.
Kern, D., *in* G. Schübler & G. v. Martens, Fl. Württemberg 1834, p. 1-6 (biogr.), see also Linnaea 9 (Litt.): 137-140. 1834.
Künkele, S. & S. Seybold, Jh. Ges. Naturk. Württemberg 125: 152. 1970 (some herb. mat. at HOH).
Lehmann, E., Schwäbische Apotheker 26-27, 40, 48, 98, 179, 202, 209. 1931.
Martens, G. von & C.A. Kemmler, Fl. Württemberg ed. 2. 1865, p. 781.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 853-855. 1863 (bibl.).
Pritzel, G.A., Linnaea 19: 461. 1846.
Ratzeburg, J.T.C., Forstwiss. Schriftst.-Lex. 466. 1872 (biogr. sketch).
Schmid, G., Goethe u.d. Naturwiss. 576. 1940.

COMPOSITE WORKS: (1) With G. v. Martens, *Fl. Würtemberg* [ed. 1] 1834, see TL-2/5480. *Copies*: B-S, G, HH, M, NY. *Date of publication*: 20-21 Sep 1834 (Vers. deut. Naturf. 23 or 24 Sep 1834; Schwäbische Chronik 21 Sep ("soeben"), inf. S. Seybold; Hinrichs 19-25 Oct 1834). *Reviews*: Anon., Flora 18(1), Lit.-Ber. 1: 1-10. 21 Feb 1835. *Supplement*: see W. Lechler. *Suppl. Fl. Württemberg* 1844, TL-2/4270. – See also J. Holub, Folia geobot. phytotax. 18(3): 325-328. 1983 (some neglected subspecies names from Schübler and Martens).
(2) *Überblick* (on p. 55) in Frid. Hartmann, *Systematische Übersicht der Versteinerungen Würtembergs*, mit vorzüglicher Rücksicht der in den Umgebungen von Boll sich findenden, ... Tübingen (in Commission bei Heinrich Lanpp) 1830, p. [i]-vi, [7]-55, [56, err.]. *Copy*: NSUB.

EPONYMY: *Schuebleria* C.F.P. Martius (1827).

11.215. *Dissertatio inauguralis botanica sistens characteristicen* [sic] *et descriptiones cerealium* in horto academico tubingensi et in Würtembergia cultorum annexis observationibus de

plantatione et ubertate eorum. Quam praeside Gustavo Schübler ... pro gradu doctoris medicinae publice defendet die [ ] Nov. mdcccxviii Johannes Ludovicus Rode ... Tubingae [Tübingen] (typis excudebat Ludov. Frider. Fues.) [1818]. Oct. (*Diss. char. descr. cereal.*).
Publ.: Nov 1818, p. [1]-47, [48, expl. pl.], 1 chart, *1 pl.* (uncol. lith.). *Copies*: B-S, G, LC, U, WU.

11.216. *Chemische Untersuchung der Hanfblätter.* Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medizin. Unter dem Vorsitze von G. Schübler, ... im Februar 1821 der öffentlichen Prüfung vorlegt Ferd. Tscheppe von Stockach. Tübingen [1821]. Oct. (*Chem. Unters. Hanfbl.*).
Author: Ferdinand Tscheppe; see p. [29] for a brief text by Schübler in which he addresses Tscheppe as the author.
Publ.: Feb 1821 (t.p., p. [29]: 9 Feb 1821), p. [1]-28, [29]. *Copy*: U. – A chemical analysis of Cannabis preceded by a short historical review of the use of the plant as a drug ("Haschisch").

11.217. *Systematisches Verzeichniss der bei Tübingen* und in den umliegenden Gegenden *wildwachsenden phanerogamischen Gewächse* mit Angabe ihrer Standorte und Blüthezeit. Mitgetheilt von Professor Schübler als Beilage zu Dr. H.F. Eisenbach's Geschichte und Beschreibung der Stadt und Universität Tübingen. [Tübingen 1822]. Oct. (*Syst. Verz. Tübingen phan. Gew.*).
Publ.: 1822, p. [1]-64, [1-2, err.], map. *Copies*: B-S, G.
Ref.: Anon., Flora 6(1): 198-202. 7 Apr 1823 (rev.).

11.218. Dissertatio inauguralis botanica *de distributione geographica plantarum Helvetiae.* Quam consentiente gratiosa facultate medica praeside Gust. Schübler ... pro gradu doctoris medicinae et chirurgiae rite obtinendo publico examini submittit auctor Victor Abraham Ringier helveto-tobiniensis [of Zofingen] mense Julii mdcccxxiii. Tubingae [Tübingen] (litteris Schrammianis) [1823]. Oct. (*Distr. geogr. pl. Helv.*).
Author: Victor Abraham Ringier.
Publ.: Jul 1823 (t.p.), p. [1]-31, [32], 3 charts. *Copies*: G, LC, U. – Also treated as TL-2/9240.
Ref.: Anon., Flora 8(1), Beil. 2: 85-90. Mar-Apr 1825.

11.219. Dissertatio inauguralis botanica sistens *descriptiones plantarum novarum* vel minus cognitarum horti botanici academici tubingensis. Quam consensu gratiosae Facultatis medicae praeside Gustavo Schübler ... pro gradu doctoris medicinae rite obtinendo publico eruditorum examini submittit auctor Joannes Christophorus Schüz Hildrizhausensis. Mense Septembris mdcccxxv. Tubingae [Tübingen] (Typis Richterianis) [1825]. Oct. (*Descr. pl. nov.*).
Author: Johann Christoph Schüz.
Publ.: Sep 1825 (t.p.), p. [1]-31, [32, theses]. *Copies*: B-S, HH, U, USDA.

11.220. Dissertatio inauguralis botanica, *de Salvinia natante*, cum aliquibus aliis plantis cryptogamis comparata. Quam consentiente gratioso medicorum ordine praeside Gustavo Schübler ... pro gradu doctoris medicinae rite obtinendo eruditorum examini submittit auctor Georgius Ludovicus Duvernoy stuttgardtiensis mense Septembris mdcccxxv. Tubingae (typis Eifertianis) [1825]. Qu. (*Salv. nat.*).
Author: Georg Ludwig Duvernoy (*fl.* 1825) (probably not identical with G.L. Duvernoy, 1777-1855, who was born in Montbéliard).
Publ.: Sep 1825, p. [1]-15, *1 pl.* [17, expl. pl.]. *Copies*: B-S, LC, NSUB, NY.

11.221. *Untersuchungen über die Farben der Blüthen* und einige damit in Beziehung stehende Gegenstände. Eine Inaugural-Dissertation, welche nebst Beifügung chirurgischer Thesen zur Erlangung der Doctorwürde in der Medicin und Chirurgie unter dem Präsidium von G. Schübler ... im December 1925 der öffentlichen Prüfung vorgelegt Carl August Franck von Nürtingen. Tübingen (gedruckt mit Schönhardt'schen Schriften) [1825]. Oct. (*Unters. Farb. Bl.*).
Publ.: Dec 1825, p. [i]-iv, [5]-38, [39-40], 5 p. charts. *Copies*: BR, U, USDA. – Several

dissertations were published by Schübler on the color of flowers; see e.g. PR 8436, 8437, 8438, 8449, 8450, 8451 and below.

11.222. *Untersuchungen über das specifische Gewicht der Samen* und näheren Bestandtheile des Pflanzenreichs. Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medicin unter dem Präsidium von G. Schübler ... im April 1826 der öffentlichen Prüfung vorlegt Carl Friedrich Renz von Freudenstadt. Tübingen (gedruckt mit Schönhardt'schen Schriften) [1826]. Oct. (*Unters. sp. Gewicht Samen*).
Publ.: Apr 1826 (t.p.), p. [i]-iv, [5]-32. *Copies*: B-S, U.

11.223. *Beobachtungen über die Temperatur der Vegetabilien*, und einige damit verwandte Gegenstände. Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medizin unter dem Präsidium von G. Schübler ... im May 1826 der öffentlichen Prüfung vorlegt Franz Anton Halder aus Isny. Tübingen (gedruckt mit Schönhardt'schen Schriften) [1826]. Oct. (*Beob. Temp. Veg.*).
Publ.: Mai 1826 (t.p.), p. [1]-16, 1 chart. *Copies*: B-S, U.

11.224. *Untersuchungen über Most- und Weintrauben-Arten* Würtembergs. Eine Inaugural-Dissertation, welche zur Erlangung der Doctor-Würde in der Medicin unter dem Präsidium von G. Schübler ... im Sept. 1826 der öffentlichen Prüfung vorlegt Friedrich Koehler von Denkendorf. Tübingen (gedruckt mit Schönhardt'schen Schriften) [1826]. Oct. (*Unters. Most- Weintraub.-Art.*).
Publ.: Sep 1826 (t.p.), p. [1]-26. *Copy*: U.

11.225. *Untersuchungen über die Einwirkung verschiedener Stoffe* des organischen und unorganischen Reichs *auf das Leben der Pflanzen.* Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medicin unter dem Präsidium von G. Schübler ... im December 1826 der öffentlichen Prüfung vorlegt Ernst Albert Zeller aus Heilbronn. Tübingen (gedruckt mit Schönhardt'schen Schriften) [1826]. Oct. (*Unters. Einwirk. Stoffe Pfl.*).
Publ.: Dec 1826 (t.p.), p. [1]-58. *Copies*: B-S, U.

11.226. *Untersuchungen über die pflanzengeografischen Verhältnisse Deutschlands.* Eine Inaugural-Dissertation, welch zur Erlangung der Doctorwürde in der Medicin unter dem Präsidium von G. Schübler ... im Merz 1827 der öffentlichen Prüfung vorlegt Anton Wiest aus Weingarten. Tübingen (gedruckt mit Schönhardt'schen Schriften) [1827]. Oct. (*Unters. pfl.-geogr. Verh. Deutschl.*).
Publ.: Mar 1827 (t.p.), p. [1]-40, chart. *Copies*: B, B-S, U.

11.227. *Hydrurus crystallophorus*, eine neue Süsswasser Alge Deutschlands; ... [Flora 11, 1828]. Oct.
Publ.: 7 Feb 1828, p. [1]-16. *Copy*: LC; – Reprinted and to be cited from Flora 11: 65-80. 7 Feb 1828. – Addendum ib. 11: 143-144. 7 Mar 1828.

11.228. *Untersuchungen über die Temperatur-Veränderungen der Vegetabilien* und verschiedene damit in Beziehung stehende Gegenstände. Eine Inaugural-Dissertation welche zur Erlangung der Doctorwürde in der Medicin unter dem Präsidium von G. Schübler, ... im Juli 1829 der öffentlichen Prüfung vorlegt Wilhelm Neuffer von Esslingen. Tübingen (Druk [sic] von Hopfer de l'Orme) [1829]. Oct. (*Unters. Temp.-Veränd. Veg.*).
Publ.: Jul 1829 (t.p.), p. [1]-41. *Copies*: B-S, LC, U.

11.229. Dissertatio inauguralis medica *de Secale cornuto.* Quam consensu gratiosae facultatis medicae praeside G. Schübler ... pro gradu doctoris medicinae rite obtinendo publico eruditorum examini submittit auctor Joannes Fridericus Finkh reutlingensis mense Martii mdcccxxx. Tubingae [Tübingen] (litteris Ludovici Friderici Fues) [1830]. Oct. (*Secale corn.*).
Author: Johannes Friedrich Finkh.
Publ.: Mar 1830 (t.p.), p. [i], [1]-43, [44]. *Copy*: U.

11.230. Dissertatio inauguralis sistens *observationes quasdam botanico-physiologicas* adjectis de

tumore albo genu thesibus. Quam consentiente gratioso medicorum ordine praeside G. Schübler ... pro gradu medicinae et chirurgiae rite obtinendo publico examini submittit auctor Gustavus Majer barnangensis mense Augusti mdcccxxx. Tubingae [Tübingae] (typis C.H. Reisii Jun.]. [1830]. Oct. (*Observ. bot.-phys.*).
Author: Gustav Majer.
Publ.: Aug 1830 (t.p.), p. [i, iii], [1]-27, [28]. *Copy*: U.

11.231. *Untersuchungen über die Vertheilung der Farben* und Geruchsverhältnisse in den wichtigeren Familien des Pflanzenreichs. Eine Inaugural-Dissertation, welche zur Erlangung der Doctor-Würde in der Medicin, unter dem Präsidium von G. Schübler, ... im Februar 1831 der öffentlichen Prüfung vorlegt Franz Joseph Köhler aus Gmünd. Tübingen (gedruckt bei C.H. Reiss, jun.) 1831. Oct. (*Unters. Verth. Farb.*).
Publ.: Feb 1831 (t.p.), p. [i], [1]-50, [51]. *Copies*: B-S, U.

11.232. *Untersuchungen über die Vertheilung der Farben* in der Familie *der Rubiaceen.* Eine Inaugural-Dissertation, welche, nebst Bezügung chirurgischer Thesen, zur Erlangung der Doctorwürde in der Medicin und Chirurgie unter dem Präsidium von G. Schübler, ... im März 1831 der öffentlichen Prüfung vorlegt Franz Xaver Müller aus Göttelfingen. Tübingen (gedruckt bei C.H. Reiss, jun.). 1831. Oct. (*Unters. Verth. Farb. Rubiac.*).
Publ.: Mar 1831 (t.p.), p. [i], [1]-38, chart. *Copy*: U.

11.233. *Untersuchungen über die Vertheilung der Farben* und Geruchsverhältnisse in den Familien *der Asperifolien*, Primulaceen, Convolvulaceen, Campanulaceen, Rosaceen, Ranunculaceen, Papaveraceen und Nymphaceen. Eine Inaugural-Dissertation, welche, nebst Beifügung chirurgischer Thesen, zur Erlangung der Doctor-Würde in der Medicin und Chirurgie unter dem Präsidium von G. Schübler, ... im März 1831 der öffentlichen Prüfung vorlegt Karl Friederich Feil aus Unter-Reichenbach. Tübingen (gedruckt bei C.H. Reiss, jun.) 1831. Oct. (*Unters. Verth. Farb. Asperif.*).
Publ.: Mar 1831 (t.p.), p. [i], [1]-33. *Copy*: U.

11.234. *Beobachtungen über jährlich periodisch Wiederkehrende Erscheinungen im Thier- und Pflanzenreich.* Eine Inaugural-Dissertation welche zur Erlangung der Doctor-Würde in der Medicin unter dem Präsidium von G. Schübler ... im August 1831 der öffentlichen Prüfung vorlegt Hermann Werner aus Stuttgart. Tübingen (gedruckt bei C.H. Reiss und C.A. Küstner) 1831. Oct. (*Beobacht. period. Ersch.*).
Publ.: Aug 1836, p. [1]-35, 1 chart. *Copy*: LC.

11.235. *Untersuchungen über die mittlere Zeit der Blüthenentwicklung* mehrerer vorzüglich in der Flora Deutschlands einheimischer Pflanzen in der Gegend von Tübingen. Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medicin unter dem Praesidium von G. Schübler, ... im August 1831 der öffentlichen Prüfung vorlegt Fr. Joseph Beck aus Wangen. Tübingen (gedruckt bei C.A. Richter) [1831]. Oct. (*Unters. Bl.-Entw.*).
Publ.: Aug 1831 (t.p.; Flora rd 9 Nov 1831), p. [1]-31. *Copies*: B-S, U.

11.236. *Utriculariae vulgaris adumbratio.* Dissertatio inauguralis botanica quam consentiente facultate gratiosa medica tubingensi praeside G. Schübler, pro gradu doctoris medicinae rite obtinendo publico examini submittit mense Martio mdcccxxxii auctor Gustav Hartmann barnangensis. Tubingae (typis Eifertianis) [1832]. Oct. (*Utricul. vulg. adumbr.*).
Author: Gustav Hartmann.
Publ.: Mar 1832 (t.p.), p. [1]-29. *Copy*: U.

11.237. *Über die Riedgräser Würtembergs* mit besonderer Berücksichtigung der in der Flora von Tübingen einheimischen. Eine Inaugural-Dissertation, welche, nebst Beifügung chirurgischer Thesen, zur Erlangung der Doctor-Würde in der Medicin und Chirurgie unter dem Präsidium von G. Schübler, ... im October 1832 der öffentlichen Prüfung vorlegt Franz Fleischer aus Lansigk. Tübingen (gedruckt bei Gustav Bähr) 1832. Oct. (*Riedgr. Würtemb.*).
Author: Franz Fleischer (1801-1878), see p. iv.

Publ.: Oct 1832 (t.p.), p. [i]-iv, [5]-35, [36]. *Copies*: B-S, LC, U(2).
Ref.: Schlechtendal, D.F.L. von, Linnaea 8 (Litt.): 167-168. 1834.

11.238. *Beiträge zur Naturkunde Oberschwabens.* Eine Inaugural-Dissertation, welche nebst Beifügung medicinisch-chirurgischer Thesen, zur Erlangung der Doctorwürde in der Medicin und Chirurgie unter dem Präsidium von G. Schübler ... im October 1832 der öffentlichen Prüfung vorlegt Carl Lingg practischer Arzt in Wolfegg. Tübingen (gedruckt bei Hopfer de l'Orme) [1832]. Oct. (*Beitr. Naturk. Oberschwab.*).
Publ.: Oct 1832, p. [1]-32. *Copy*: NSUB.

11.239. *Seminum Sorghi vulgaris analysis* adjectis thesibus medico-chirurgicis. Dissertatio inauguralis quam consentiente gratioso medicorum ordine praeside G. Schübler ... pro gradu doctoris medicinae et chirurgiae publico examini submittit auctor Georg Werner vaihingensis mense Octobri mdcccxxxii. Tübingae [Tübingae] (typis Lud. Fried. Fues.) [1832]. Oct. (*Sem. Sorgh. vulg. anal.*).
Author: Georg Werner.
Publ.: Oct 1832 (t.p.), p. [1]-24. *Copies*: B-S, U.

11.240. *Untersuchungen über die Farbenveränderungen der Blüthen.* Eine Inaugural-Dissertation, welche zur Erlangung der Doctorwürde in der Medicin, unter dem Präsidium von G. Schübler, ... der öffentlichen Prüfung vorlegt Johann C. Lachenmeyer aus Niedernhall. Tübingen (gedruckt bei Ludw. Friedr. Fues.) 1833. Oct. (*Unters. Farbenveränd. Bl.*).
Publ.: Jan 1833 (t.p.), p. [1]-18, chart. *Copy*: U.

11.241. *Untersuchungen über die Farbenverhältnisse* in den Blüthen der *Flora Deutschlands.* Eine Inaugural-Dissertation, welche zur Erlangung der Doctor-Würde in der Medicin unter dem Präsidium von G. Schübler ... im März 1833 der öffentlichen Prüfung vorlegt Philipp L. Wernle aus Kemnath. Tübingen (gedruckt bei Gustav Bähr) 1833. Oct. (*Unters. Farbenverh. Fl. Deutschl.*).
Publ.: Mar 1833, p. [1]-23. *Copy*: B-S.

11.242. *Untersuchungen über die Farbenverhältnisse* in den Blüthen der *Flora Frankreichs.* Eine Inaugural-Dissertation, welche mit Beyfügung medicinisch-chirurgischer Thesen zur Erlangung der Doctorwürde in der Medicin und Chirurgie unter dem Präsidium von G. Schübler, ... im April 1833 der öffentlichen Prüfung vorlegt Isaak Röder aus Ulm. Tübingen (gedruckt bei L.F. Fues) 1833. Oct. (*Unters. Farbenverh. Fl. Frankr.*).
Author: Isaak Röder (see preface and p. [22]).
Publ.: Apr 1833 (t.p.), p. [1]-21 [22]. *Copy*: U.

11.243. *Untersuchungen über die Bestandtheile der Hirse* Panicum miliaceum L. Eine Inaugural-Dissertation, welche zu Erlangung der Doctorwürde in der Medicin unter dem Präsidium von G. Schübler ... im März 1834 der öffentlichen Prüfung vorlegt Christian Jenisch aus Schondorf. Tübingen (gedruckt bei Ernst Traugott Eifert) 1834. Oct. (*Unters. Hirse*).
Author: Christian Jenisch (see introduction and testimony Schübler) on p. [24].
Publ.: Mar 1834, p. [i]-iv, [5]-23, [24]. *Copies*: B-S, U.

Schüep, Otto (1888-x), Swiss botanist, student of C. Schröter; Dr. phil. Zürich 1911, subsequently lecturer in botany at the University of Basel. (*Shüepp*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 243; Hirsch p. 267; Moebius p. 214, 215.

BIOFILE: Pringsheim, E.G., Julius Sachs 98. 1932.
Verdoorn, F., ed., Manual of Pteridology 564. 1938.

11.244. *Beiträge zur Entwicklungsgeschichte der Schmetterlingsblüte.* Von der Eidgenössischen Polytechnischen Schule in Zürich zur Erlangung der Würde eines Doktors der Natur-

wissenschaften genehmigte Promotionsarbeit ... Zürich 1911. Oct. (*Beitr. Entw.-Gesch. Schmetterlingsbl.*).
Publ.: 1911, p. [1]-56, [57, vita], *pl. 1-11*. *Copy*: B. – Preprinted or reprinted from Beih. Bot. Centralbl. 28(1): 195-246. 1912 (date of volume; Heft 1 prob. publ. 1911).

Schürhoff, Paul Norbert (1878-1939), German (Westphalian) botanist (cytologist) and entomologist; Dr. phil. Bonn 1905; lecturer ("Privat-Docent") in botany at the University of Berlin from 1924. (*Schürhoff*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 243 (b. 18 Dec 1878); Biol.-Dokum. 16: 8338-8340; BJI 2: 159; LS 39059; Moebius p. 63, 194, 195.

BIOFILE: Anon., Entom. Bl. 35(2): 128. 1939 (d.); Österr. bot. Z. 73: 236. 1924 (habil. Berlin).
Asen, J., Gesamtverz. Lehrkörp. Univ. Berlin 1: 180. 1955 (b. 18 Dec 1878, d. 27 Mar 1939).
Kürschner, Gelehrt. Lex. 1931, 1945.
Verdoorn, F., ed., Manual ogf Bryology 161, 205. 1932; Chron. bot. 4: 390. 1938, 5: 282. 1939.

11.245. *Die Haploidgeneration der Blütenpflanzen* (Siphonogamen Embryophyten). Leipzig (Verlag von Max Weg) 1924. Oct. (*Haploidgen. Bl.-Pfl.*).
Publ.: 15 Mai 1924 (in journal), cover-t.p., p. [1]-96. *Copy*: B. – Reprinted and to be cited from Bot. Jahrb. 59(2): 198-293. 1924.

11.246. *Die Zytologie der Blütenpflanzen* ... Stuttgart (Verlag von Fedinand Enke) 1926. Oct. (*Zytol. Bl.-Pfl.*).
Publ.: 1926 (p. viii: 9 Sep 1926; Nat. Nov. 1927; AbZ 1 Mar 1927), p. [i]-xi, [xiii, xv], [1]-792. *Copies*: B, BR, GOET, LD, MO, US, USDA. – In the second part of the book ("spezielle Zytologie der Blütenpflanzen", p. 377-716) the author compares his cytological data with the system set out by A. Engler in his *Syllabus*.
Ref.: Schürhoff, P.W., Bot. Jahrb. 61 (Lit.): 18-19. 1927 (autoref.).
Wettstein, R. v., Österr. bot. Z. 76: 164-165. 1927.

Schütt, Bruno (1876-1956), German (Schleswig) botanist; Dr. phil. München 1900; further study in Göttingen; teacher's examination 1906; assistant at the botanical garden Göttingen 1906-1907; from 1908-1942 high school teacher at Bremen (on active service 1914-1918) collected in Yugoslavia and Albania 1927-1939; teacher at the Hermann Lietz-Schule, Bieberstein, Rhon 1939-1945; in retirement at Bieberstein and, from 1950, in Bremen. (*B. Schütt*).

HERBARIUM and TYPES: BREM; further material at G, GOET.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 243; BFM 23; Biol.-Dokum. 16: 8341; GR p. 176; TL-2/867.

BIOFILE: Pfeiffer, H.H. & G. Kollmann, Abh. naturf. Ver. Bremen 37: 197-202. 1967 (biogr., portr., bibl. [but see also Biol.-Dokum.]).
Wagenitz, G., Index coll. princ. herb. Gott. 152. 1982.

COMPOSITE WORKS: Edited (and revised) F.[G.P.] Buchenau, *Fl. Bremen*, ed. 9, Apr 1927, see TL-2/867, and ed. 10 (not treated under 867):
"*Flora von Bremen* Oldenburg, Ostfriesland und den ostfriesischen Inseln zum Gebrauch in Schulen und auf Ausflügen ... Zehnte, erweiterte Auflage herausgegeben von Dr. B.R. Schütt". Bremen (Arthur Geist Verlag) 1936. Oct., p. [1]-448. *Copy*: Wagenitz.

Schütt, Franz (1859-1921), German (Mecklenburg) botanist; habil. Univ. Kiel 1887;

extra-ordinary professor of botany ib. 1894; regular professor of botany and director of the botanic garden Greifswald 1895. (*F. Schütt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 1: 53; BM 4: 1867; Christiansen p. 320 [index]; CSP 18: 597; De Toni 1: cxiii-cxiv, 2: cv, 4: lii; Moebius p. 69, 77, 79, 177, 179; NI 219, 1611; Nordstedt p. 15; TL-2/see E.H.P. Kuckuck.

BIOFILE: Anon., Bot. Centralbl. 32: 128. 1887 (habil. Kiel), 58: 32. 1894 (app. Kiel), 62: 272. 1895 (app. Greifswald); Ber. deut. bot. Ges. 39: (149). 1921 (d.); Bot. Jahrb. 18 (Beibl. 45): 40. 1894 (e.o. prof. Kiel), 21 (Beibl. 52): 16. 1895 (app. Greifswald); Bot. Not. 1922: 175 (d.); Bot. Zeit. 45: 725. 1872 (habil. Univ. Kiel), 52: 123. 1894 (app. Kiel), 53: 184. 1895 (app. Greifswald); Deut. biogr. Jahrb. 3: 316. 1927 (obit. not., b. 13 Mai 1859, d. 9 Aug 1921); Nat. Nov. 16: 140. 1894 (e.o. prof. bot. Kiel), 17: 291-292. 1895 (app. Greifswald), 43: 221. 1921 (d.); Österr. bot. Z. 44: 200. 1894 (app. Kiel), 45: 287. 1895 (app. Greifswald), 70: 312. 1921 (d.).
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VanLandingham, S.L., Cat. diat. 4: 2369. 1971, 6: 3589. 1978, 7: 4226. 1978.

COMPOSITE WORKS: (1) EP, *Nat. Pflanzenfam.*, *Gymnodiniaceae*, 1(1B): 2-6. Dec 1896.
Perdiniaceae, 1(1B): 9-30. Dec 1896.
Peridinales, 1(1B): 1. Dec 1896.
Protocentraceae, 1(1B): 6-9. Dec 1896.
Bacillariaceae, 1(1B): 31-150. Dec 1896.
(2) Contributed to J. Reinke, q.v., *Atlas deutscher Meeresalgen* 1889, TL-2/8931.

EPONYMY: *Schuettia* G.B. De Toni (1894).

11.247. *Über die Sporenbildung mariner Peridineen* ... Berlin (Gebrüder Borntraeger ...) 1887. Oct.
Publ.: 18 Nov 1887, cover-t.p., p. [364]-374. *Copy*: G. – Reprinted and to be cited from Ber. deut. bot. Ges. 5: [364]-374. 1887.

11.248. *Ueber die Diatomaceengattung Chaetoceros* ... (Separat-Abdruck aus der Botanischen Zeitung 1888. No. 11 und 12). Oct.
Publ.: 16, 23 Mar 1888 (in journal; Bot. Centralbl. 9-20 Apr 1888), cover-t.p., p. [1]-9. *pl. 3* (col. lith. auct.). *Copies*: B, G, M. – Reprinted and to be cited from Bot. Zeit. 46: 161-170. 16 Mar, 177-183. 23 Mar 1888.

11.249. *Über Auxosporenbildung der Gattung Chaetoceros* ... Berlin (Gebrüde Borntraeger ...) 1889. Oct.
Publ.: 24 Dec 1889, p. cover-t.p., p. [361]-363, *pl. 14*. *Copy*: G. – Reprinted and to be cited from Ber. deut. bot. Ges. 7: [361]-363. 1889.

11.250. *Analytische Plankton-Studien.* Ziele, Methoden und Anfangs-Resultate der quantitativ-analytischen Planktonforschung ... Kiel und Leipzig (Verlag von Lipsius & Tischer) 1892. Oct. (*Anal. Plankt.-Stud.*).
Publ.: 1892 (p. iv: Apr 1892; Bot. Centralbl. 31 Aug 1892; Bot. Zeit. 1 Mai 1893; ÖbZ for Oct 1892; Flora rd before 7 Dec 1892), p. [i]-viii, [1]-117, charts 1-16 [119, expl. pl.], map, [120, colo.]. *Copy*: B.
Ref.: Gilg, P., Bot. Jahrb. 17 (Lit.): 6-7. 1893 (rev.).
Knuth, P., Bot. Centralbl. Beih. 2(6): 401-404. 1892 (rev.).
Kuckuck, P., Bot. Zeit. 51: 117-122. 1893 (rev.).

11.251. *Das Pflanzenleben der Hochsee* ... Kiel und Leipzig (Verlag von Lipsius & Tischer) 1893. Qu. (*Pfl.-Leben Hochsee*).
Publ.: 1-15 Dec 1892 (Bot. Centralbl. 15 Dec 1892; t.p. 1893; ÖbZ for Dec 1892; Bot.

Zeit. 16 Jan 1893; Nat. Nov. Dec(2) 1892) frontisp., map, p. [1]-76. *Copies*: B, FH, G, PH. – Reprinted from V.A.C. Hensen, ed., Ergebnisse der Plankton-Expedition der Humboldt-Stiftung, 1a, 1892 (Reisebeschreibung ...).
Ref.: Gilg, E., Bot. Jahrb. 17 (Lit.): 7-8. 1893 (rev.).
Klebahn, H., Bot. Zeit. 51: 276-280. 1893 (rev.).
Knuth, P., Bot. Centralbl. 54: 245-246. 1893 (rev.).

11.251a. *Arten von Chaetoceras und Peragallia.* Ein Beitrag zur Hochseeflora ... Berlin (Gebrüder Borntraeger) 1895. Oct.
Publ.: 25 Mar 1895, cover-t.p., p. [35]-48. *pl. 4-5* (uncol.). *Copy*: US. – Reprinted and to be cited from Ber. deut. bot. Ges. 13(2): [35]-48, *pl. 4-5*. 1895.

11.252. *Die Peridineen der Plankton-Expedition* ... I. Theil ... Kiel und Leipzig (Verlag von Lipsius & Tischer) 1895. †. Qu. (*Peridin. Plankt.-Exped.*).
Publ.: 1895 (Bot. Jahrb. 10 Mai 1895; Flora rd before 11 Mai 1895), cover-t.p., p. [1]-170, *pl. 1-27* (partly col. liths. auct.). *Copies*: FH, G. – Issued in V.A.C. Hensen, Ergebnisse der Plankton-Expedition der Humboldt-Stiftung Bd. iv. M.a.A. 1895.
Facsimile ed.: 1974 (J. Cramer), Junk, Cat. 175 (1973) no. 1432 mentions 1968 reprint.

11.252a. *Ein neues Mittel der Coloniebildung bei Diatomeen* und seine systematische Bedeutung ... [Berlin (Gebrüder Borntraeger) 1899]. Oct.
Publ.: 26 Jul 1899, cover, p. [215]-221. *Copy*: US. – Reprinted and to be cited from Ber. deut. bot. Ges. 17(6): [215]-221. 1899.

Schuette, Joachim Heinrich (1821-1908), German (Hanoverian) teacher; went to the United States in 1874; edited a newspaper at Green Bay, Wisconsin until 1884; enthusiastic plant collector, especially interested in native roses. (*J. Schuette*).

HERBARIUM and TYPES: F (30.000); duplicates at A, DS, K, L, NY, US.

NOTE: Johannes Henricus Schuette (1694-1774) edited H.B. Ruppii Flora jenensis ... 1718, see under Ruppius. See also BM 4: 1867.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 243 (b. 20 Apr 1821, d. 21 Jul 1908); Rehder 1: 315, 2: 283; Tucker 1: 638.

BIOFILE: Anon., Herbarium 10: 80. 1909 (herb. for sale; brief descr.); J. New York Bot. Gard. 20: 94. 1919 (herb. material rd from F; note on botanical activities); Proc. Amer. Ass. Adv. Sci. 56-61: 316. 1910 (d.).
Schuette, C., letter (on her father J.H. Schuette) to J.H. Barnhart 23 Sep 1919, at NY.

11.253. *The Hawthorns of northeastern Wisconsin* ... Proc. Biol. Soc. Washington 1903. Oct.
Publ.: 25 Jun 1903, p. 91-98. *Copy*: US. – Reprinted and to be cited from Proc. Biol. Soc. Washington 16:91-98. 1903.

Schuez, [Georg] Emil [Carl Christoph] (1828-1877), German (Schwabian) physician and botanist; studied at Tübingen Univ. 1846-1851; from 1853 practicing physician at Calw, Nordschwarzwald, Oberschwaben; Dr. med. Tübingen 1858. (*E. Schüz*).

HERBARIUM and TYPES: STU (Künkele & Seybold 1970).

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1867 (d. 1877); PR 8455, 8422; Rehder 1: 384.

BIOFILE: Anon., Österr. bot. Z. 28: 38. 1878 (d. Oct 1878 sic).
Greiner, S., in R. Uhland, ed., Lebensbild. Schwaben u. Franken 12: 258-275. 1972 (b. 12 Aug 1828, d. 6 Apr 1877, detailed biogr., bibl., sources, portr.).
Künkele, S. & S. Seybold, Jh. Ges. Naturk. Württemberg 125: 149. 1970 (herb. at STU).
Metzger, E., Jahresber. Württ. Ver. Handelsgeogr. 7-8: 158-159. 1890 (biogr. sketch; b. 12 Aug 1828, d. 6 Apr 1877; bibl.).

11.254. *Flora des noerdlichen Schwarzwaldes.* Inaugural-Abhandlung zur Erlangung der Doctorwürde in der Medicin und Chirurgie, unter dem Präsidium des Dr. Hugo von Mohl, ... von G.E.C.C. Schüz, prakt. Arzt zu Calw. Calw (Druck der A. Oelschläger'schen Buchdruckerei) 1858. Oct. (in fours). (*Fl. noerdl. Schwarzw.*).
Publ.: 1858 (p. [iii]: 19 Apr 1858), p. [i, iii], [1]-64, chart. *Copies*: B, HBG, HH, NY, U. – A note in the dissertation promises a commercial issue with an added list of pteridophyta and additions to the phanerogams to be issued Easter 1859. This was probably never realized.

Schuler, Johann Alois Ernst (1853-1946), Austrian botanist; high school teacher (with the title professor) at the "Staatsoberrealschule" in Triest 1886-1895; idem at the Marine Academy of Fiume 1895-1913; in retirement in Triest 1913-1921, later in Fiume. (*Schuler*).

HERBARIUM and TYPES: BREG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 244; GR p. 440 (b. 11 Jul 1873, d. 4 Jun 1946), cat. p. 71; LS 24349-24350; SBC p. 131; Tucker 1: 638.

11.255. *Zur Flechtenflora von Fiume* ... Fiume (Buchdruckerei P. Battara) 1902. Oct. (*Flechtenfl. Fiume*).
Publ.: 1902, p. [1]-122. *Copy*: B. – Reprinted from Mitt. naturw. Clubs Fiume 6, 1902 (journal n.v.).
Ref.: Zahlbruckner, A., Bot. Centralbl. 90: 445-446. 22 Oct 1892.

Schultes, Josef August (1773-1831), Austrian botanist; Dr. med. Wien 1796; professor of zoology, botany and mineralogy at the Theresianum, Wien 1797; from 1806 id. of chemistry and botany at Cracow; from 1808 of natural history and chemistry at Innsbruck; from 1809-1831 professor of general natural history and botany at the University of Landshut, Bavaria, as well as director of its surgical school. (*Schult.*).

HERBARIUM and TYPES: M (the greater part of the original herbarium, acquired 1826). Many of the Roemer and Schultes types are in the Shuttleworth herbarium, now at BM. Another part of the herbarium is reported (ÖbW 1854; Lindemann 1886) to have been acquired in 1853 by CW. We have no recent information on these collections. Mosses collected by Schultes are in the Schwaegrichen herbarium at G (fide Sayre, 1979). Further material at L, OXF. – *Correspondence* with D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 693 (W. Hess); AG 2(1): 410; Backer p. 520; Barnhart 3: 244 (b. 15 Apr 1773, 21 Apr 1831); Biol.-Dokum. 16: 8361; BM 4: 1868; Bret. p. 277; Clokie p. 240; CSP 5: 656; Dawson p. 737; DTS 1: 273; Frank 3 (Anh.): 93; Hegi 6(1): 210, 6(2): 1205; Herder p. 59, 70, 148, 150, 193; Hortus 3: 1203; IH 1 (ed. 6): 364, (ed. 7): 342; Jackson p. 3, 263, 416, 428; LS 24353-24354; MW p. 440; PR 8456-8461, 5430, 7715, 8745, 9262, 10277, ed. 1: 6009, 8674, 9406-9414, 10235, 10394, 11256; Rehder 5: 782; RS p. 141; SK 4: ciii; SO see index; SY p. 20; TL-1/1097, 1199-1200, 1308; TL-2/1462, 8304, 8876, 9408, 9624, 9635, see F.W.H.A. v. Humboldt, J.J. Roemer; Tucker 1: 638; WU 32: 171-177 (b. 15 Apr 1773, d. 21 Apr 1831); Zander ed., p. 714, ed. 11, p. 814.

BIOFILE: Anon., Biogr. Lex. hervorr. Ärzte 5: 156-157. 1934; Bot. Zeit. 3(1): 16. 1845 (description of S.'s herbarium of ca. 19.000-20.000 sp., list of collectors. Should be deposited in a public institution); Flora 6(1): 345. 1823, 7(2): 574-575. 1824 (trip to W. Europe), 14(1): 304. 1831 (d.); Neu. Nekrol. Deut. 9: 350-352. 1831; Österr. bot. W. 4: 111. 1854 (herbarium acquired by Univ. Charkow).
Candolle, Alph. de, Phytographie 449. 1880 (coll. M, L).
Dawson, W.R., Smith papers 86. 1934.
Gager, C.S., Brooklyn Gard. Record 27: 159, 316. 1938 (dir. bot. gard. Cracow 1806, Innsbruck 1808).
Heinsius, W., Allg. Büch.-Lex. 3: 654-655. 1812, 6: 767. 1822.

Lawrence, G.H.M., Huntia 1: 164. 1964 (some letters by J.A. Schultes at HU in C.H. Mertens corr.).
Martius, F.P. v., Flora 34: 6. 1851 (on the Royal Herb. at M).
McVaugh, R., Taxon 4: 78-86. 1955 (A. v. Humboldt's coll. as described in Roemer & Schultes, *Syst. veg.*).
Lindemann, E. v., Bull. Soc. imp. Natural. Moscou 61(1): 68-69. 1886 (brief biogr. sketch; part of herbarium in CW; 1 specimen in MW; "Die vielen Widerwärtigkeiten, die ihm häufig durch eigene Schuld widerfuhren, liessen ihn zuletzt in eine unheilbare Schwermuth verfallen").
Neilreich, A., Verh. zool.-bot. Ver. Wien 5: 36-37. 1855 (biogr. sketch; "Ueberhaupt fand sich Schultes berufen Alles zu tadeln, daher er sich überall verfeindete in Oesterreich wie in Baiern"); Fl. Nieder-Oesterr. xi-xii. 1859 (on *Oestr. Fl.*).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 859. 1863 (bibl.).
Sayre, G., Bryologist 80: 517. 1977 (coll. C.F. Schwaegrichen).
Schmid, G., Goethe u.d. Naturw. 258, 617. 1940; Chamisso als Naturforscher nos. 259, 346. 1942.
Schultes, Dr., Flora 35(2): 400. 1852 (advertisement offering S.'s herbarium 18.000 sp. for sale. List of collectors. Cf. in this respect Lindemann 1886).
Schultes, J.A., Flora 8(1), Beil. 1: 1-48. 1825 (description of his visit to England), Engl. transl. in W.J. Hooker, Bot. Misc. 1: 48-78. 1830).
Steele, A.R., Flowers for the King 325-326. 1964.
Sturm, J., Faunus 1: 52-53. 1832 (d. 21 Apr "1821" [1831]).
Szafer, W., Concise hist. bot. Cracow 41, 47, 48. 1969.
Z., Dict. Sci. méd., Biogr. méd. 7: 171-172. 1825.

COMPOSITE WORKS: (1) With Johann Jakob Roemer (1763-1819): *Systema vegetabilium*, 1807-1830, 7 vols. Oct. – See under J.J. Roemer. J.A. Schultes co-author vols. 1-4; sole author of vols. 5 and 6 (except for 6: 315-628, *Umbelliferae* by K.P.J. Sprengel and some special entries attributed to other authors). Vol. 7 by J.A. & J.H. Schultes. These authors also published the *Mantissa*, treated below.
(2) Editor and author of preface of C.P. Thunberg, *Fl. capens.* 1823, q.v.

HANDWRITING: Candollea 33: 371-372. 1978.

EPONYMY: *Schultesia* K.P.J.Sprengel (1815, *nom. rej.*); *Schultesia* Schrader (1821); *Schultesia* C.F.P. Martius (1827, *nom. cons.*); *Schultesia* A.W. Roth (1827). *Note*: *Schultesiophytum* Harling (1958) honors Richard Evans Schultes (1915-x), American botanist.

11.256. *Oestreichs Flora.* Ein Taschenbuch auf botanischen Excursionen ... Wien (verlegt bey Alb. Ant. Patzowsky) 1794. 2 vols. Oct. (*Oestr. Fl.*).
Publ.: in two parts, 1794. *Copies*: FI, HH, NY; IDC 5309. – Published anonymously.
1: [i-xvi], [1]-215.
2: [i], [1]-244, [1-2, err.], [1 note binder].
Reissue with new title: in two parts, 1800. *Copies*: B-S, G, HH, M. – "*Flora austriaca.* Enchiridion ad excursiones botanicas ...". Vienne [Wien] (impensis Schaumburg et Soc.) 1800. Oct. – Anonymous.
1: [i*], [i-xvi], [1]-215.
2: [i-vi], [1]-244.
A further re-issue, with German t.p., Wien (Anton Doll) is mentioned as having been available at the Leipzig Easter Fair of 1806 (n.v.).
Ed. 2: in two parts, 1814. *Copies*: B, B-S, BR, G, HH, M, MO, NY, USDA. – "*Österreichs Flora.* Ein Handbuch auf botanischen Excursionen, enthaltend eine kurze Beschreibung der in den Erbstaaten des österreichischen Kaiserthumes wildwachsenden Pflanzen ... zweyte ganz umgearbeitete, vermehrte und verbesserte Auflage". Wien (bey C. Schaumberg und Compagnie) 1814. Duod.
1: 1814 (p. xiv: 31 Jul 1814), p.[i]-xiv, [xv], [1]-700.
2: 1814, p. [i-v], [1]-577, [579-656, indexes Cc-Ff3].
Ref.: Neilreich, A., Nieder-Oesterr. xi-xii. 1859 (ed., "der vielen falschen Bestimmungen und irrigen Angaben wegen so viel wie unbrauchbar ist").

11.257. *Ausflüge nach dem Schneeberge in Unterösterreich.* Ein Taschenbuch auf Reisen nach demselben ... Wien (bey J.V. Degen, ...) 1802. Oct. (*Ausfl. Schneeberge*).
Ed. 1: 1802, frontisp., p. [i]-xi, [xii, cont.], [1]-305, Fauna & Flora: [1]-127, [plants p. 89-127]. *Copy*: G.
Ed. 2: 1807, in 2 parts. *Copy*: G. – "Zweyte vermehrte, verbesserte, mit Kupfern verschönerte Auflage". Wien (in der Degenschen Buchhandlung) 1807. Oct.
1: 1807, (p. viii: 4 Jun 1806), [i*], [i]-xvi, [1]-423, *5 pl.* (uncol. copp.).
2: 1807, frontisp., p. [i], [1]-176, Fauna & Flora: [1]-148 [plants 101-148].

11.258. *Reise auf den Glockner* von J.A. Schultes, M.D. ... Wien (bey J.V. Degen ...) 1804, 4 vols. Oct. (*Reise Glockner*).
1: 1804, frontisp., p. [i]-xxvi, [xxvii-xxviii], [1]-349, *1 pl.*
2: 15 Apr 1804 (SY p. 20), frontisp., p. [i-iv], [1]-366, map. – Musci by Schwaegrichen on p. 362-366; Flora on p. 350-358.
3: 1804, frontisp., p. [i-vi], [1]-274. Contains: *Reise durch Salzburg und Berchtesgaden.* I. Theil.
4: 1804, frontisp., p. [i-iv], [1]-270, [271-272, adv.]. Contains: *Reise ... Berchtesgaden.* II. Theil.
Copies: BM (Bloomsbury), NSUB, PH.
Re-issue: 1824, see PR ed. 1, 9424.

11.259. *Catalogus* I. *plantarum horti bot.* C.R. *Universitatis Cracoviensis* anno mdcccvi. Cracoviae [Cracow; Krakau] 1806. (*Cat. hort. Cracov.*).
Publ.: 1806 (p. [1]: 18 Jul 1806), p. [1]-47. *Copy*: NSUB (inf. G. Wagenitz). – Names only.
Other ed: 1808 (p. [3]: 1 Nov 1807), p. [1]-82. *Copy*: M (interleaved). – "*Catalogus plantarum* horti botanici C.R. Universitatis Cracoviensis. [Cracow, Krakau). Anno mdcccviii".

11.260. J.A. Schultes, ... *Observationes botanicae* in Linnei Species plantarum ex editione C.L. Willdenow. Oeniponti [Innsbruck] (sumptibus officinae Librariae Wagnerianae) 1809. Oct. (*Observ. bot.*).
Publ.: 1809, p. [iii]-xii, [i, h.t.], [1]-220. *Copies*: B-S, FI, G, GRON, HH, M, MO(2); IDC 5730. – For the "Species plantarum ex editione C.L. Willdenow" see under Carl Ludwig Willdenow (1765-1812).

11.261. *Baiern's Flora.* Vollständige Beschreibung der im Königreiche Baiern wildwachsenden Pflanzen ... I. Centurie. Landshut (bei Philipp Krüll, ...) 1811. Oct. †. (*Baiern's Fl.*).
Publ.: 1811, p. [i]-xvi, unpaged octavo sign. 1-25. *Copies*: B-S, M.

11.262. *Anleitung zum gründlichen Studium der Botanik*, zum Gebrauche bey Vorlesungen und zum Selbstunterrichte ... Wien (bey Schaumburg und Compagnie) 1817. Oct. (*Anleit. Stud. Bot.*).
Publ.: 1817 (p. xiv: 1 Jun 1816), p. [i]-xvi, [1]-411, [1, err.]. *Copies*: G, H-UB, LC, M, USDA. – Other t.p.: "*Grundriss einer Geschichte und Literatur der botanik*, von Theophrastos Eresios bis auf die neuesten Zeiten; nebst einer Geschichte der botanischen Gärten ..."
Index: Jan-Mar 1871 (Flora 3 Apr, 30 Sep 1871; ÖbZ 1 Jun 1871), p. [1]-60. *Copies*: G, M. – "*Grundriss einer Geschichte und Literatur der Botanik* nebst einer Geschichte der botanischen Gärten von J.A. Schultes. *Vollständiges Register* von J.H. Schultes [1820-1887]. Mit einem Vorworte von Ludwig Radlkofer". München (Theodor Ackermann) 1871. Oct.

11.263. *Mantissa* in volumen primum [secundum, tertium]. Systematis vegetabilium Caroli a Linné ex editione Joan. Jac. Roemer ... et Jos. Aug. Schultes ... curante J.A. Schultes, ... Stuttgardtiae [Stuttgart] (sumtibus J.C. Cottae) 1822-1827. 3 vols. Oct. (*Mant. 1* [*2, 3*]).
Co-author for vol. 3: Julius Hermann Schultes (1804-1840), son of J.A. Schultes. For the *Systema* itself see under J.J. Roemer (TL-2/9408).

1: late 1822 (p. vi: 24 Jun 1822; Flora 7 Apr 1823 rev.), p. [i]-vi, [1]-66, 66a-66b, 67(1)-248(182), Add. Mant. cl. ii: 248a(183)-248e(187), Add. Mant. cl. iii: [249(1)]-353(105), index: [355]-386.(Rev. Flora 6(1): 193-198. 1 Apr 1823).
2: Jan-Apr 1824 (t.p.: 1824; rev. Beck 30 Apr 1824), p. [i-iv], [1]-522, Add. 1, Mant. cl. 1: [67]-75; Add. Mant. i, cl. ii: 189(248f)-214(248f'), Add. Mant. i, cl. iii: 355(107)-382(133), index addit Mant. 1: [383]-388, [1-4, err.].
3: Jul-Dec 1827 (O. Kuntze states that there were 8 parts; Flora rev. 28 Jan 1828), p. [i-iv], [1]-368, chart, 369-412, Add. ii Mant. cl. i: [77]-114, Add. ii, Mant. cl. ii: 215(249g')-264 (248f''), Add. ii Mant. cl. iii: 383(134)-416(167), Add. i Mant. cl. iii: 523-672, index addit. Mant. i, ii: [673]-[717], [1-2, err.].
Copies: B, BR, H, MO, NY, U, US(2), USDA; IDC 238; SO 615.
Ref.: Kuntze, O., Rev. gen. pl. 3(2): 161. 1898.

Schultes, Julius Hermann (1804-1840), Austrian-born German (Bavarian) botanist; son of J.A. Schultes; studied natural sciences and medicine at the University of Landshut; Dr. med. ib. 1825; practicing physician and director of the Landshut surgical school 1826-1831; from 1831-1840 practicing physician in München. (*J.H. Schult.*).

HERBARIUM and TYPES: M (see under J.A. Schultes); some further material in FI.
– *Correspondence* with D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(1): 89; Backer p. 661; Barnhart 3: 244 (b. 4 Feb 1804, d. 15 Sep 1840); Biol.-Dokum. 16: 8361; BM 4: 1868; Hortus 3: 1203 ("Schult. f."); IH 1 (ed. 7): 342; MW 440; PR alph. 5430 ed. 1: 6009, 8674; Rehder 5: 782; TL-1/1097, 1200; TL-2/2671, 9408; Tucker 1: 638; Zander ed. 10, p. 714, ed. 11, p. 815.

BIOFILE: Anon., Biogr. Lex. hervorrag. Ärzte 5: 157. 1934.; Bot. Not. 1840: 211 (d.); Flora 23(2): 544, 694-704. 1840 (obit., ex Polytechn. J. 1810); Polytechn. J. 78: 77-80. 1840 (detailed obit.).
Gray, J.L., Letters A. Gray 235, 239. 1893.
Heinsius, W., Allg. Büch.-Lex. 782): 297. 1829, 9(2): 273. 1849.
Poggendorff, J.H., Biogr.-lit. Handw.-Buch 2: 859-860. 1863.

COMPOSITE WORKS: With J.A. Schultes, *Syst. veg.* vol. 7 and *Mantissa* in volumen tertium ... 1827, see above under J.A. Schultes.

THESIS: *De nosocomiis quibusdam Belgicis, Britannicis, Gallicis commentariolum.* Landishuti 1825; fide L. Resch & L. Buzas, Verz. Dokt. Diss. Univ. Ingolstadt-Landshut-München 1472-1970, 2: 65. 1976.

HANDWRITING: Candollea 33: 373-374. 1978.

Schultes, Julius Hermann (1820-1887), German (Bavarian) botanist; son of J.A. Schultes (the second named Julius Hermann sic); Dr. med. Landshut 1843; assistant at the Rijksherbarium Leiden with Blume 1843-1852; assistant with C.F.P. von Martius 1852, active as assistant physician in München 1854; assistant at the Royal Herbarium München 1854-1887. (*J.H. Schult. II*).

NOTE: Dr. A. Schreiber, München, unravelled the mystery of the two sons of J.A. Schultes who were *both* named Julius Hermann, J.H. Schultes II signed himself "J.", "J.H." as well as "H." Schultes. Dr. Schreiber notes: "J.H. Schultes gab in jüngeren Jahren häufig Anlass zu Beschwerden seitens Prof. v. Nägeli beim Generalconservatorium. Gerügt wurden: Unverträglichkeit, hoher Tabakconsum, Ordnungsarbeiten (das Herbar sollte von ihm katalogisiert werden) nach Belieben, ohne System, "hinterher alles wieder durcheinandergebracht", keinerlei wissenschaftliche Publikationen (Gegensatz zu Dr. Adolf Engler hervorgehoben).
Schultes wurde schliesslich ein eigener Raum, abseits von den anderen, zugewiesen. Aufträge: sich einzig und allein nach den Anweisungen des Konservators richten.
Nach der Verheiratung [mit Elisabeth Wiedmer, 1875] hörten Nägelis Klagen auf.
Ich kann es mir nicht verkneifen Ihnen noch eine weitere Beobachtung mitzuteilen.

Eine Nichte von Nägelis, Elisabeth *Widmer* (1862-1952), promovierte mit einer Arbeit über die Gattung Primula und heiratete den Botaniker C. Correns, einen Schüler Nägelis. Aus dem Mitgliederverzeichnis der Bayer. Bot. Gesellschaft Bd. I (1892) geht hervor, dass sich Frau Correns – wie schon Frau Schultes geb. Wiedmer – *Elise* schrieb. Leider konnte ich nirgendwo einen Hinweis finden, dass ein Verwandtschaftsverhältnis zwischen Prof. Nägeli und der älteren Elise Wiedmer bestand; es erscheint aber naheliegend.
Die Eingaben Schultes' bezüglich Pragmatisierung wurden von Nägeli *in keiner Weise unterstützt*, im Gegenteil! Aber gerade v. Nägeli regte an "*eine andere Form der Absicherung zu erwägen!*"
Sie sehen, der jüngere J.H. Schultes ist nicht gerade "ein mann zum Herzeigen", ganz totschweigen sollte man ihn aber vielleicht doch auch nicht."

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 244 (d. 7 Sep 1887); BM 4: 4: 1868; Hortus 3: 1203; IH 1 (ed. 7): 342; PR 4151; Rehder 1: 75; TL-2/see Radde.

BIOFILE: Anon., Bot. Centralbl. 32: 128. 1887 (d.); Bot. Not. 1888: 46 (d.); Bot. Jahrb. 9, Beibl. 21: 1. 1887 (d.); Magy. növ. lap. 11: 176. 1887 (d. 7 Sep 1887); Österr. bot. Z. 37: 445. 1887 (d.).
Resch, L. & L. Buzas, Verz. Dokt. Diss. Univ. Ingolstadt-Landshut-München 1472-1970, 2: 112. 1976.

COMPOSITE WORKS: Compiled a *Vollständiges Register*, München 1871, to J.A. Schultes, "*Grundriss*", (*Anl. Stud. Bot.*, 1817), q.v., signing himself "J. Schultes".

11.263a. *Noms indigènes d'un choix de plantes du Japon et de la Chine*, déterminées d'après les échantillons de l'herbier des Pays Bas, par MM. J. Hoffmann et H. Schultes. Paris (Imprimerie impériale) 1853. Oct. (*Noms indig. pl. Japon*).
Co-author: Johann Hoffmann.
Publ.: 1853 (date reprint; journal publ. dated Oct-Nov 1852), p. [i-iii], [1]-14. *Copies*: B-S, BR, HH. – Reprinted and to be cited from J. Soc. asiat. 20: 257-370. Oct-Nov 1852.
Additions: see below *Beiträge* ... 1855.
Ed. 2: Apr 1864 (copy U presented to Rauwenhoff on 14 Apr 1864), p. [ii*-vi*], [i], ii (verso of [i] & ii (recto))-xiii (verso & recto), [xiv], [1]-90. *Copies*: HH, M, U, USDA. – Nouvelle édition augmentée, Leyde (E.J. Brill) 1864. Oct.; also includes Dutch t.p. and introductory text: the p. ii-xiii of the introduction are double: left French, right Dutch with same page numbers. The preface to this new edition is signed only by J. Hoffmann, "Leyden, December 1863". – "*Inlandsche namen eener reeks van Japansche en Chinesche planten*, bestemd naar de op 's Rijks herbarium te Leyden aanwezige exemplaren ..."

11.264. *Beiträge zur Nomenclatur der Flora Japans* nebst Correctionen und Ergänzungen zu den Noms indigènes d'un choix des plantes du Japon et de la Chine par Hoffmann et J. [sic] Schultes. Journal asiatique l'annee [sic] 1852. No. 10. Von J.H. Schultes. München (Druck von Dr. C. Wolf & Sohn) 1855. Oct. (*Beitr. Nom. Fl. Jap.*).
Publ.: 1855, p. [i]-vi, [1]-9, [1]. *Copies*: HH, M.

11.265. *Nachträge zu den Plantae Raddeanae* Monopetalae (Lobeliaceae-Scrophulariaceae) auctore F. ab Herdero (Cfr. Acta Horti bot. petropolitani i. p. 283-586). Mitgetheilt von Dr. J.H. Schultes in München. St. Petersburg 1880. Oct.
Publ.: 1880, p. [1]-4. *Copy*: M. – Reprinted from Acta Hort. Petropol. 7(1): 394-396. 1880.

Schultz, Arthur (1838-1915), German (Silesian) floristic botanist and physician practicing at Storkow, Finsterwalde; ultimately in Wiesbaden. (*Arth. Schultz*).

HERBARIUM and TYPES: B (rd 1905; mainly destr.), *Flora istriaca exsiccata*, ed. 1868, 168 nos.; sets at A, CGE, GOET, L, MANCH. – Lichens from Brandenburg in M; other material in BM, DAO, G, NMW.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 70; Barnhart 3: 244 (b. 29 Mai 1839, d. 31 Jan 1915); Morren ed. 10, p. 11; Saccardo 1: 150; Urban-Berl. 282, 286, 290, 394.

BIOFILE: Anon., Verh. bot. Ver. Brandenburg 57: 244. 1916 (d. 30 Jan 1915); Österr. bot. Z. 46: 302. 1896 (offer for sale of Silezian plants).
Ascherson, P., Fl. Prov. Brandenburg 1: 13. 1864; Verh. bot. Ver. Brandenburg 10: 135-139. 1868 (1869) (*Flora istriaca exsiccata*), rev.); Bot. Zeit. 27: 398-400. 1869 (rev.).
Hertel, H., Mitt. Bot. München 16: 433. 1980 (Lich. M).
Wagenitz, G., Index coll. princ. herb. Gott. 152. 1982.

Schultz, Carl [Karl] **Friedrich** (1765 [1766?]-1837), German (Mecklenburg-Strelitz) botanist and physician; Dr. med. Halle 1791; practicing physician at Neubrandenburg (Stargard); ultimately as "Grossherzoglich-Mecklenburgischer Leibarzt und Rat". (*C.F. Schultz*).

HERBARIUM and TYPES: ROST (general as well as Mecklenburg herb.); further material in B-Bridel. – *Correspondence* with D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 127; Barnhart 3: 244 (d. 27 Jun 1837); Biol.-Dokum. 16: 8365; CSP 5: 566; GR p. 47 (b. 9.4.1766, sic); Herder p. 189, add.; Hortus 3: 1203; IH 1 (ed. 6): 364; Jackson p. 68; Lasègue p. 335; LS 24356; MD p. 215-216; PR 8469, ed. 1: 9420; Rehder 1: 376, 2: 300; SBC p. 131; Stevenson p. 1257; SY 29, 62; TL-1/1205-1206; Tucker 1: 638; Urban-Berl. p. 313; Zander ed. 10, p. 714, ed. 11, p. 815.

BIOFILE: Anon., Flora 2(1): 286-288. 1819 (on *Fl. starg.*), 3(1): 189. 1820; Flora 20: 496. 1837 (d.).
Boll, E., Fl. Meklenburg 160-163. 1860 (biogr. sketch; b. 1765).
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EPONYMY: *Schultzia* C.G.D. Nees (1823); *Schulzia* [sic] K.P.J. Sprengel (1813, *nom. cons.*, also honors J.H. Schulze, *q.v.*).

11.266. *Prodromus florae stargardiensis* continens plantas in ducato megapolitano-stargardiensi s. strelitzensi sponte provenientes auctore Carolo Friedrico Schultz, ... Berolini [Berlin] (sumtibus C.F.E. Spaethen) 1806. Oct. (*Prodr. fl. starg.*).
Publ.: Jan-Mar 1806 (Bot. Zeit. Regensburg 5: 65-72. 15 Mar 1806; SY p. 29: 27 Apr 1806 rev. Leipz. Litt.-Zeit.), p. [i]-x, [xi], [1]-530, [1, err.]. *Copies*: B, BR, G, NY, USDA; IDC 631.
Supplement: 1 Jul-5 Aug 1819 (SY p. 62; Flora rd 5 Aug'1819, see 2(2): 570. 1819; preface Mar 1819), p. [i]-vi, [1]-93. *Copies*: B-S, BR, FI, G, NY, USDA; IDC 5732. – "*Prodromi flori stargardiensis supplementum* primum. Adjectis observationibus ... Neobrandenburgi [Neubrandenburg] (sumtibus auctoris) 1819. Oct. (*Prodr. fl. starg. suppl.*).
Notes: Botanische Bemerkungen, die Flora stargardiensis betreffend, Flora 7: 113-128. 1824.
Ref.: Anon., Flora 2: 286-288. 14 Mai 1819 (on forthcoming suppl.), 5(2) Beil. 1: 1-12. 1822 (rev. suppl.).

11.267. *Recensio generum Barbulae et Syntrichiae* auctore C.F. Schultz, M.D., Ac. C.N.C.S. (cum tabulis 3 aeneis pictis) s.l.n.d. [Bonnae 1823]. Qu.
Publ.: 1823 (probably 1823 sem. 1, MD; "eben erschienen". Flora 14 Apr 1825 sic, but see also Flora 6: 759-760. 28 Dec 1820), p. [i], 1-45, *pl. 32-34* (col. copp. J. Sturm). *Copies*: H, NY. – Reprinted and to be cited from Nova Acta Leop. 11(1): [191]-232, *pl. 32-34*. – See MD p. 215.

Schultz, Carl [Karl] **Heinrich** "Bipontinus" (1805-1867), German (Rhenisch Palatinate) botanist and physician; state medical examination München 1829; practicing

physician ib. 1829-1832; imprisoned for political reasons 1832-1835; physician at the Deidesheim hospital 1836-1867; specialist on *Compositae*; founder and director of the Pollichia society. (*Schultz-Bip.*).

HERBARIUM and TYPES: P (Compositae herb. through E. Cosson, q.v.); further herbarium material in BM, BR, CGE, FI, H, K, L, LI, MANCH, MW, OXF, PH, REG, W. – Collections by others containing Schultz types are e.g. FI, FR.
Exsiccatae: *Cichoriaceotheca* s. Cichoriacearum exsiccatorum collectio auctore C.H. Schultz-Bipontino. Deideshemii, Palatinatus ad Rhenum, 1862-1866. Fol., ... nos.
Review (e.g.) D.F.L. von Schlechtendal, Bot. Zeit. 21: 56. 1863. *Announcement* by C.H. Schultz (e.g.): Bonplandia 10: 330. 1862. *Collectors* e.g.: P.C. Billot, H. Bordère, C. Brunner, J.C. Doell, Fr. Dolliner, G. Engelmann, C. Geyer, F. Facchini, J. Heuffel, R. Hinterhuber, C. Koenig, F.J. Logger, S.B. Mead, D. Pacher, H.G.L. Reichenbach, C. Römer (Namiest), A.E. Sauter, Schall (Arzheim), F.W. Schultz, O. Sendtner, G. Siegert, P.M.E. Timbal-Lagrave, M.G.S. de Tommasini, N. v. Turczaninow (for additional collections see C.H. Schultz 1865 (Bot. Zeit.)). –*Sets*: BM, G, GOET, K, P, W.
Library: sold by auction.
Manuscripts (and correspondence received): with the Pollichia Society (see Spilger, 1942).
Correspondence with D.F.L. von Schlechtendal at HAL, with F.A.W. Miquel at U; other letters at G, GH.

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BIOFILE: Anon., Bonplandia 1: [index p.:] vii. 1853, 2: 7, 225, 3: 29. 1857, 4: 347, 353, 358, 363. 1856, 5: 48, 310. 1857, 6: 38, 65. 1858, 7: 55. 1859, 10: 106, 167. 1862; Bot. Zeit. 8: 568. 1850 (Schultz not appointed as prof. bot. Erlangen; Schnizlein appointed instead), 14: 895. 1856 (on portr.), 22: 100. 1864 (Dr. phil. Leopoldina), 26: 32. 1868 (d.); Bull. Soc. bot. France 15 (bibl.): 239. 1869 (sale), 16 (bibl.): 189. 1869 (Cosson acquired Comp. herb. S.), 16(C.R.): 58. 1869 (sale); Jahresber. Pollichia 25-27: l-lxii. 1868; J. Bot. 6: 32. 1868 (d.), 8: 62. 1870 (Comp. herb. to E. Cosson); Österr. bot. Z. 18: 29. 1869 (d.), 19: 63-64. 1869 (herb. for sale on 15 Mar 1869), 20: 94. 1870 (E. Cosson has bought the Compositae herb.); ("Die Vereinsleitung"), Pfälzer Heimat 6(1): 36. 1955 (150th anniv. birthday); Verh. bot. Ver. Brandenburg 9: xlvi. 1867 (d.).
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Camus, F., Bull. Soc. bot. France 55: 506-507. 1908 (on herb. Cosson; *Cichoriaceotheca*).
Candolle, Alph. de, Phytographie 449. 1880 (coll.).
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Fournier, E., Bull. Soc. bot. France 9: 256. 1862 (*Cichoriaceotheca*; lists collectors), 14 (bibl.): 240. 1868 (d.).
Hausmann, F. v., Fl. Tirol 1185. 1854.
Helm, J., Kulturpflanze 14: 441. 1966 (in letter F. Alefeld to G. Bentham).
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Jessen, K.F., Bot. Gegenw. Vorz. 401, 416, 434-435. 1864.
Murray, G., Hist. coll. BM(NH) 1: 181. 1904 (1226 Compositae at BM).
Pauli, F, Leopoldina 6: 50-52. 1867 (obit.).
Poeverlein, H., Zum 100. Geburtstage von Friedrich/Wilhelm und Karl Heinrich

Schultz, 4 p., 1905 (Pfälzisches Museum 1905(2), see also Bot. Centralbl. 99: 318. 1905), Gedenkrede auf Carl Heinrich Schultz, ... 29 Oktober 1905, Bad Dürkheim, J. Rheinberger, 21 p., reprinted from Festschrift G. v. Neumayer, publ. by Pollichia, Bad Dürkheim 1906.

Schlechtendal, D.F.L. von, Bot. Zeit. 21: 56. 1863 (rev. *Cichoriaceotheca*), 24: 40. 1866 (decoration).

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Schultz, C., Bot. Zeit. 26: 463. 1868, 27: 88. 1869 (herb. for sale); Flora 51: 288. 1868, 52: 48. 1869 (id.).

Schultz, C.H., Bonplandia 2: 44-50. 1854 (Die Entwicklung der Naturwissenschaft bis zur Mitte des 16. Jahrhunderts), 2: 80-81. 1854 (on "Victoria regia"), 10: 106, 167, 330. 1862 (announcement *Cichoriaceotheca*, list coll.); Bot. Zeit. 23: 226-228. 1865 (lists *Cichoriaceotheca* nos. 104-165; in all now 165 nos. and 2 bis numbers issued; lists additional collections); Flora 47: 14 (*Cichoriaceotheca* nos. 104-105, publ. Feb 1864).

Schultz, C.H. & Bischoff, Bonplandia 1: 63 (plans Pollichia for a flora of the Rhine region; and the publicaion of a journal "Rhenania"), 83-85 (a coalition of Rehnisch scientific societies found with the name "Rhenania", Schultz chairman, address).

Spilger, L., Mitt. Pollichia ser. 2. 10: 134-139. 1942 (archival material with the society Pollichia).

Steinberg, C.H., Mon. Biol. Canar. 4: 30-48. 1937 (Schultz studied Webb's Compositae; many holotypes at FI).

Urban, I., Symb. ant. 1: 154. 1898.

Wittrock, V.B., Acta Horti Berg. 3(3): 152, *pl. 126.* 1905 (portr.).

COMPOSITE WORKS: *Compositae, in* C.F.F. v. Krauss, *Beitr. Fl. cap.* 1844-1846, TL-2/3924.

HANDWRITING: Mon. Biol. Canar. 4: 30-48, pl. (facs. 7 "non autographic"), Webbia 32: 15. 1977 (no. 29), Candollea 3: 375-376. 1978.

EPONYMY: *Bipontinia* Alefeld (1866).

11.268. *Cichoraceae*, anno 1831 et 1832 a cl. Rüppell in Arabia et Abyssinia lectae, e herbario societatis Senckenbergianae communicatae, ... (Ausgezogen aus dem dritten Bande des Museum Senckenbergianum) [Frankfurt a.M. 1839]. Oct.
Collector: Eduard Rüppel (1794-1884), see TL-2/4: 978-979.
Publ.: 1839, p. [45]-60. *Copies*: G, M. – Reprinted and to be cited from Museum Senckenbergianum 3: 45-60. 1839 [volume published as a whole in 1845].

11.269. *Gutenbergia* ... [Gedenk-Buch der vierten Jubelfeier der Erfindung der Buchdruckerkunst in Mainz. 1840. [Mainz, Seifert'sche Buchdruckerei]. Oct.
Publ.: 1840, [119]-122, *1 pl.* in Gedenk-Buch (see above) *Copy*: UB-U.

11.270. *Analysis Cichoriacearum palatinatus* secundum systema articulatum, ... Landau (Buchdruckerei von J. Baur) 1841. Oct.
Publ.: Jun 1841 (t.p. reprint; "im Juni 1841"; Flora rd 28 Nov 1841-28 Dec 1842), p. [1]-8. *Copy*: FI. – Reprinted and to be cited from Jahrb. prakt. Pharmacie 4(4): 202-207. 1841.

11.271. *Ueber die Tanaceteen* mit besonderer Berücksichtigung der deutschen Arten ... Festgabe zur Jubiläumsfeier des Herrn Hofraths Dr. Koch in Erlangen. Neustadt an der Haardt (Druck von Ch. Trautmann) 1844. Qu. (*Tanaceteen*).
Dedicatee: Wilhelm Daniel Joseph Koch (1771-1849), see TL-2/3799-3805. – Festgabe 50th anniversary as Dr. phil.
Publ.: 4 Jul 1844 (see p. 2, date of festivity; Flora rd Aug 1845), p. [1]-69. *Copies*: B, FI, G(2), HH, LC, M, MICH, MO, USDA. – PR notes that a copy "forma folio dicta" was present in Delessert's library (now libr. Inst. France, Paris).
Ref.: K.M., Bot. Zeit. 3: 306-309. 2 Mai 1845 (rev.).

11.272. *Compositae Kraussianae* capensi-natalenses vel Enumeratio Compositarum a cl.

Dr. F. Krauss annis 1838-1840 in territoro [sic] capensi et natalensi lectarum ... (Abgedruckt aus Flora 1844. Bnd. iii) [1844]. Oct.
Collector: Christian Ferdinand Friedrich von Krauss (1812-1890) see IH 1: 386 and TL-2/3924.
Publ.: 21, 28 Oct, 7 Dec 1844 (in journal), p. [1]-44. *Copies*: FI, G. – Reprinted and to be cited from Flora 27: 667-682. 21 Oct, 692-702. 28 Oct, 767-783. 7 Dec 1844. – For complete series of C. Krauss, Beitr. Cap. see TL-2/3924.

11.273. *Hypochoerideae* auctore Carolo Henrico Schultz, bipontino, A.C.N.C.S. (Acta Acad. caes. Leop. Carol. Nat. Cur. vol. xxi, p. i) [1845]. Qu.
Publ.: Jan-Jul 1845 (mss. submitted 16 Nov 1842; journal dated 1845; Flora rd Aug 1845), p. [1]-88. *Copies*: FI, HH. – Reprinted and to be cited from Nova Acta Leop. 21(1): [85]-172. 1845.

11.274. *Triga novorum Cassiniacearum generum* ... (Abdruck aus Flora 1853. Nr. 3). Oct.
Publ.: 21 Jan 1853 (in journal), p. [1]-6. *Copy*: LC. – Reprinted and to be cited from Flora 36: 33-38. 21 Jan 1853.

11.275. *Ueber die von W. Lechler an der Magellans-Strasse gesammelten*, von Hohenacker herauszugebenden *Cassiniaceen*, ... (Abdruck aus Flora 1855. Nr. 8). Oct.
Collector: Willibald Lechler (1814-1856), see TL-2/2: 780-781.
Publ.: 28 Feb 1855, p. [1]-11. *Copy*: LC. – Reprinted and to be cited from Flora 38: 113-123. 28 Feb 1855.

11.276. *Enumeration of the Compositae collected by B. Seemann and J. Potts in North-Western Mexico.* By C.H. Schultz, bipontinus. (Reprinted from [B.] Seemann's "Botany of the Voyage of H.M.S. Herald".) [1856]. Qu.
Publ.: 1856, p. [1]-19. *Copy*: NY. – Reprinted and to be cited from B. Seemann, Bot. Voy. Herald 297-315. 1856. – See TL-1/1218.

11.277. *Commentationes botanicae* auctoribus fratribus Schultz, bipontinus, quibus Pollichia, societas historiae naturalis Palatinus rhenanae, gratulatur Gymnasio illustri bipontino dei ix m. Augusti a mdccclix tertium solemnia secularia celebranti. Seorsum exscriptum e xvi. et xvii. libro annalium Pollichiae. Neapoli Nemetum [Neustadt a./H.]. (Typis D. Kranzbühler jun.) 1859. Oct. (*Comm. bot.*).
Co-author: Friedrich Wilhelm Schultz (1804-1876).
Publ.: 9 Aug 1859 (date festivity, see t.p.; Bot. Zeit. rev. 21 Oct 1859), p. [1]-44, *1 pl.* *Copies*: G, KNAW, LC, M. – Preprinted from Jahresber. Pollichia 16/17: [39]-73. Dec 1859. Contains on p. [41]-44 F.W. Schultz, *Diagn. nov. sp. Veronicae*, and on p. 45-73 C.H. Schultz bip., *Rev. crit. gen. Achyrophori.*
Ref.: Anon., Bull. Soc. bot. France 6: 826-827. 1860.
Schlechtendal, D.F.L. von, Bot. Zeit. 17: 358. 21 Oct 1859.

11.278. *Cassiniaceae uniflorae*, oder Verzeichniss der Cassiniaceen mit 1-blüthigen Köpfchen ... Neustadt a.d. H. (Buchdruckerei von D. Kranzbühler jun.). 1861. Oct.
Publ.: 1861, p. [i], [1]-34. *Copies*: G, M, NY. – Reprinted and to be cited from Jahresber. Pollichia 18/19: [157]-190. 1861.

11.279. *Ueber die Gattung Zaluzania* Persoon, eine historisch-kritische Untersuchung von C.H. Schultz-Bipontinus, vorgetragen am 18 Sept. 1861 in der botanischen Sektion der xxxvi. Versammlung deutscher Naturforscher und Aerzte in Speyer. (Besonderer Abdruck zur Flora 1861, Nr. 35) [1861]. Oct.
Publ.: 21, 28 Sep 1861 (in journal), p. [1]-9. *Copy*: G. – Reprinted and to be cited from Flora 44: 553-557. 21 Sep, 561-565. 28 Sep 1861.
Addendum: Flora 47: 216-220. 27 Apr 1864.

11.280. *Pilosella* als eigene Gattung aufgestellt von den Brüdern Fr. Wilh. und C. Heinr. Schultz-Bipontinus ... Regensburg (Druck der Fr. Neubaur'schen Buchdruckerei ...) 1862. Oct.
Co-author: Friedrich Wilhelm Schultz (1804-1876).

Publ.: 5, 25 Sep 1862 (in journal), p. [i-ii], [1]-24. *Copies*: G, HH. – Reprinted and to be cited from Flora 45: 417-432. 5 Sep, 433-441. 25 Sep 1862. – The generic name *Pilosella* was first validly published by J. Hill, Brit. Herb. 444. Nov 1756.

11.281. *Lychnophora* Martius! und einige benachbarte Gattungen ... Festgabe zur Feier des 50jährigen Doctor-Jubiläums (30. März 1864) des Herrn Geheimraths Dr. von Martius in München ... Neustadt a.d. H. (Buchdruckerei von D. Kranzbühler jun.) [1864]. Oct.
Publ.: 30 Mar 1864 (Flora rd 9-30 Nov; "new" 14 Dec 1864), p. [1]-119. *Copy*: HH. – Reprinted or preprinted from Jahresber. Pollichia 20-21: [323]-439. 1863 [publ. 1864].

Booknumber 11.282 has not been used.

11.283. *Beitrag zur Geschichte und geograph. Verbreitung der Cassiniaceen* des Pollichia Gebietes und zum Systeme der Cichoriaceen ... Dürckheim a/H (Verlag von G. Lang) 1866. Oct.
Publ.: 1866 (Flora 10 Jul 1867), p. [i-ii], [1]-82. *Copies*: G, HH, M, NY. – Reprinted and to be cited from Pollichia 22-24: 241-295. 1866.

Schultz-Schultzenstein, Carl [Karl] **Heinrich** (1798-1871), German (Prussian) botanist at Berlin; habil. Berlin 1822; with the University of Berlin as lecturer ("Privatdozent") 1822, later as professor of botany. (*Schultz-Sch.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 723; Barnhart 3: 245 (b. 8 Jul 1798, d. 22 or 23 Mar 1871); Biol.-Dokum. 16: 8362, 8363-8364, 8365 (some items; mixed with Schultz-Bip. items); BM 4: 1868-1869; Bossert p. 356; CSP 5: 569-571, 6: 755, 8: 892, 12: 666; Frank 3(Anh.): 94; Herder p. 33, 122, 142, 365; Hortus 3: 1203; LS 24360-24361; Moebius 167, 207, 267; Plesch p. 402; PR 8474-8484, ed. 1: 9424-9432; Ratzeburg p. 466-468; Rehder 5: 782-783.

BIOFILE: Anon., Bonplandia 3: 343-344. 1855 (visit Holland; on his theory of circulation), 6: 52, 370. 1858 (cognomen Leopoldina Reicheli), 10: 272, 291. 1862; Bot. Not. 1872: 26 (d.); Bot. Zeit. 3: 574. 1845 (festivities), 5: 592. 1847 (serenade), 13: 776. 1855 (back from trip to Holland; new material for his circulation theory), 29: 239, 270. 1871 (d.); Brit. Mus., Gen. cat. print. books 216: 516-517; Flora 25: 395. 1842, 28: 544. 1845 ("Nachtmusik" serenade), 49: 336. 1866 (for. memb. Soc. Cherbourg), 54: 79. 1871 (d.); J. Bot. 9: 128. 1871 (d. 23 Mar 1871); Österr. bot. Z. 21: 107. 1871 (d.); Verh. bot. Ver. Brandenburg 12: [iii*], xlvi. 1870 (d.).
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Sachs, J. v., Gesch. Bot. 317, 324, 346. 1875; Hist. botanique 313, 331, 561. 1892.
Schmid, G., Goethe u.d. Naturw. 154, 258, 274, 577, 617. 1940.
Wittrock, V.B., Acta Horti Berg. 3(2): 142. 1903 (on portr.).

11.284. *Ueber den Kreislauf des Saftes* im Schöllkraute und in mehreren andern Pflanzen und die Assimilation des rohen Nahrungsstoffes in den Pflanzen überhaupt. Mikroskopische Beobachtungen und Entdeckungen ... Berlin (Bei Ferdinand Dümmler) 1822. Oct. (*Kreislauf Saft.*).
Preface: Johann Heinrich Friedrich Link (1767-1851).
Publ.: 1822 (p. xii: 24 Sep 1821), p. [i]-xiv, [1]-66, *1 pl.* (col. copp. F. Guimpel). *Copies*: B, G. – See also Flora 5: 657-671. 1822.
See also: *Sur la circulation* et sur les vaisseaux lactifères *dans les plantes* ... Paris (et à Berlin

chez A. Hirschwald ...) 1839. Qu., p. [i], [1]-110, *pl. 1-23*. *Copy*: B-S. – Preliminary publ. C.R. hebd. Séance Acad. Sci. Paris 7: 580-586. 1838.

11.285. *Die Natur der lebendigen Pflanze.* Erweiterung und Bereicherung der Entdeckungen des Kreislaufs im Zusammenhange mit dem ganzen Pflanzenleben nach einer neuen Methode dargestellt ... Berlin (Gedruckt und verlegt bei G. Reimer [vol. 2: Stuttgart und Tübingen (in der Cotta'schen Buchhandlung)] 1823-1828. 2 vols. Oct. (*Nat. lebend. Pfl.*).
1: 1823 (p. [vi]: 18 Mar 1823; Flora 14 Jul 1823), p. [ii*], [i]-lii, [liii], [1]-693, [694, err.], *pl. 1-4* (col. copp.). – Alt. t.p.: "*Die Pflanze und das Pflanzenreich.* Nach einer neuen natürlichen Methode dargestellt von dr. Carl Heinrich Schultz, Erster Band welcher das individuellen Pflanzenleben enthält".
2: Mar-Apr 1828 (Flora 28 Feb 1828 "Easter"), p. [ii*], [i]-xvi, [1]-624, [625-626, err.], *pl. 1-3* (uncol. copp.). – Alt. t.p.: "*Die Fortpflanzung und Ernährung der Pflanzen* im Zusammenhange mit dem ganzen Pflanzenleben und mit Rücksicht auf die Culturgesetze nach einer natürlichen Methode dargestellt ..."
Copies: B-S, MO, NSUB, NY.

11.286. *Natürliches System des Pflanzenreichs* nach seiner inneren Organisation, nebst einer vergleichenden Darstellung der wichtigsten aller früher künstlichen und natürlichen Pflanzensysteme ... Berlin (im Verlage von August Hirschwald) 1832. Oct. (*Nat. Syst. Pflanzenr.*).
Publ.: 1832 (p. xxiv: 8 Nov 1831; Flora rd before 9 Jan 1833), p. [i]-xxviii, [i, err.], [1]-586, *1 pl. Copies*: B, BR, HH, MO, NSUB, NY, Teyler.
Ref.: -i-, Flora 15(2) Lit. 11: 161-176, 12: 184-191. Jul-Dec 1832 (rev.).

11.286a. *Sur la circulation* et sur les vaisseaux lactifères dans les plantes ... Paris et a Berlin (chez A. Hirschwald) 1839. Qu. (*Circulation*).
Publ.: 1839, p. [i], [1]-110, *pl. 1-23* (uncol.). *Copy*: HH.

11.287. *Die Cyklose des Lebenssaftes in den Pflanzen* ... Breslau und Bonn (Für die Akademie in Eduard Weber's Buchhandlung in Bonn) 1841 [1842]. Qu. (*Cykl. Lebenssaft. Pfl.*).
Publ.: 1 Sep 1842 (t.p. 1841; Flora 21 Oct 1842 "eben erschienen", presented to Deutsche Naturforscher with letter dated 1 Sep 1842), p. [i]-xii, [1]-355, [356], *pl. 1-33* (uncol. liths.). *Copies*: HH, U. – Issued as Nova Acta Leop. 18, suppl. 2, 1842.

11.288. *Die Anaphytose* oder Verjüngung der Pflanzen. Ein Schlüssel zur Erklärung des Wachsens, Blüthens und Fruchttragens, mit praktischen Rücksichten auf die Kultur der Pflanzen ... Berlin (Verlag von August Hirschwald) 1843. Oct. (*Anaphytose*).
Publ.: 24-26 Jul 1843 (p. xxii: 17 Apr 1843; Flora rd 28 Jul-12 Aug 1843; Hinrichs; Intell.-Bl. Bot. Zeit. 25 Aug 1843), p. [i]-xxii, [xxiii-xxvi], [1]-214. *Copies*: B, B-S, HH, LC, M, NSUB.
Ref.: O., Flora 26: 740-749. 28 Nov 1843 (rev.).

11.289. *Neues System der Morphologie der Pflanzen* nach den organischen Bildungsgesetzen als Grundlage eines wissenschaftlichen Studiums der Botanik besonders auf Universitäten und Schulen ... Berlin (Verlag von August Hirschwald) 1847. Oct. (*Neu. Syst. Morph. Pfl.*).
Publ.: Mai-Jun 1847 (Flora 28 Jun 1847 "so eben"), p. [i]-xxiv, [1]-246, 1 chart (lith.). *Copies*: B, G, HH, NY.
Ref.: Hintze, E., Flora 30: 612-621, 627-637. Oct 1847 (rev.).
K.M., Bot. Zeit. 5: 729-732. 1847 (rev.).

11.290. *Die Verjüngung im Pflanzenreich.* Neue Aufklärungen und Beobachtungen ... Berlin (Verlag von August Hirschwald ...) 1851. Oct. (*Verjüng. Pflanzenr.*).
Publ.: 1851 (Flora rd Sep-Oct 1851; "erschienen" 21 Dec 1851), p. [i], [1]-101, [102], *1 pl.* (uncol. lith.). *Copies*: B, B-S, G, NY.

Schultz, Franz Johann (*fl.* 1785-1847), Austrian botanist and artist. (*F.J. Schultz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: NI 1815, 1: 186; PR 8463, ed. 1: 9415; Rehder 1: 293.

BIOFILE: Neilreich, A., Verh. zool.-bot. Ver. Wien 5: 34-35. 1855.

Schultz, Friedrich [Wilhelm] (1804-1876), German (Rhenisch-Palatinate) pharmacist and botanist; brother of C.H. Schultz Bipontinus; studied pharmacy at München 1827-1829; Dr. med. Tübingen 1829; state examination pharmacy München 1831; from 1832-1836 practicing pharmacist in Bitsch [Bitche] (Elsass); from 1876 dedicating himself to botany; from 1853-1876 at Weissenburg (Elsass). (*F.W. Schultz*).

HERBARIUM and TYPES: Unknown. – *Exsiccatae*:
(1) *Flora Galliae et Germaniae exsiccata* (see below TL-2/11.292, cent. 1-16, 1836-1852. Sets at BERN, BM, G, HAL, LE, LZ (destr.), M (lich.), MPU, NCY, OXF, P. - For an analysis of this series see Sayre (1969). For accompanying texts see below *Fl. Gall. Germ. exs.* (1836-1840), *Arch. fl. France Allem.* (1842-1855).
(a) *Original set*: *Flora Galliae et Germaniae exsiccata.* Herbier des plantes rares et critiques de la France et de l'Allemagne, recueillis par la Société de la Flore de France et d'Allemagne, publié par le docteur F. Schultz. Cent. 1-16, nos. 1-1600, Bitsch 1836-1852.
1-4: described below under TL-2/11.292.
5-16: published with descriptive text in *Arch. fl. France Allem.* as follows:
5-6: nos. 401-600. Nov 1842, text *Arch.* p. 1-48.
7-8: nos. 601-800. 15 Mar 1844, text *Arch.* p. 49-76.
9-10: nos. 801-1000. 28 Dec 1847, text *Arch.* p. 79-106.
11-12: nos. 1001-1200. 25 Feb 1848, text *Arch.* 120-142.
13-14: nos. 1201-1400. 29 Jan 1851, text *Arch.* p. 167-186.
5-16: nos. 1401-1600. 16 Dec 1852, text *Arch.* p. 207-258.
(b) *Continuation*: *Flora Galliae et Germaniae exsiccata.* Herbier servant de *Complément* à celui du docteur F. Schultz, publié par C. Billot, cent. 1-16, nos. 1-1600, Haguenau, 1846-1855. See under P.C. Billot, TL-2/1: 215-216 (sub "Herbarium and types").
1: nos. 1-100. 24 Apr 1846, text in *Arch. fl. France Allem.* p. 77-79.
2: nos. 101-200. Feb 1847, text *Arch.* p. 143-166.
3: nos. 201-300. Feb 1848, text *Arch.* p. 167-186.
4-5: nos. 301-500. Apr 1850, no accompanying text.
6-7: nos. 501-700. 28 Feb 1851, text *Arch.* p. 187-194.
8-9: nos. 701-900. Feb 1852, text *Arch.* p.195-206.
10-11: nos. 901-1100. Apr 1853, text *Arch.* p. 259-282.
12-14: nos. 1101-1400. Feb 1854, text*Arch.* p. 287-326.
15-16: nos. 1401-1600. Feb 1855, text *Arch.* p. 327-350.
(c) *Further continuation*, by C. Billot, Cent. 17-33,nos. 1601-3300, Haguenau 1855-1861, see TL-2/1: 215-216 (id.) and TL-2/518.
(d)*Continuation* by V. Bavoux, A. Guichard, P. Guichard, et J. Paillot. Cent. 34-40, nos. 3301-4000. Besançon, 1864-1870 as *Flora exsiccata de C. Billot.* [Vital Badoux; Albert Guichard (1822-1901), Paul Guichard (x-1909), Justin Paillot (1829-1891).
34-35: nos. 3301-3500. Mai 1864, text in *Billotia* p. 5-10.
36-37: nos. 3501-3700. Mar 1866, text ib. 52-57.
38-40: nos. 3701-4000. Mai 1869, text ib. p. 101-108.
(2) *Herbarium normale.* Herbier des plantes nouvelles peu connues et rares d'Europe principalement de France et d'Allemagne publié par F. Schultz, Wissembourg, Deidesheim 1856-1869. For extensive details see G. Sayre, Mem. New York Bot. Gard. 19(1): 46-47. 1969. The accompanying text was published in F.W. Schultz, *Arch. Fl.* Dec 1854-Jun 1869. Sayre mentions a special catalogue of cent. 1-12, published separately 1869.
1-2: nos. 1-200. 15 Aug 1856, text *Arch. fl.* 218-223.
3-4: nos. 201-400. Dec 1858, text p. 263-267.
5-6: nos. 401-600. Apr 1861, text p. 293-296.
7-8: nos. 601-800. Mar 1864, text p. 327-330.
9-10: nos. 801-1000. Jun 1866, text p. 346-350.
11-12: nos. 1001-1200. Mai 1869, text p. 366-370.

(3) *Herbarium normale ser. 2*: Herbier des plantes nouvelles peu connues et rares d'Europe principalement de France er d'Allemagne. Publié par F. Schultz et F. Winter. Phanérogamie cent. 1 et 2; cryptogamie cent. 1; Herbarium normale de F. Schultz, suppl. 1, Weissenburg en Alsace 1872, [ser. 3] cent. 1-2 in 1874. – Accompanying text: *Archives de la flore d'Europe*. Recueil botanique rédigé par le Dr. F. Schultz. Weissenburg en Alsace 1872, 1874, p. 1-32. See below.
(4) *Continuation Herb. norm. by K. Keck*, new series, cent. 1-28, 1878-1892, nos. 1-2800, see under Karl Keck (TL-2/2: 512); Anon., Flora 62: 496. 1879; Bot. Zeit. 37: 579. 1879 (continuation started).
(5) *Continuation by K. Koch*, (cent. 28-30) *and I. Dörfler* (cent. 31-58), nos. 2701-3000 and 3001-4800, see TL-2/1: 666.
(6) *Herbarium normale, sets* (partial or complete): A, AAU, AUT, B (destr.), BHU, BP, BR, C, CGE, E, FH, FI, FR, G, GB, GOET, HBG, HEID, JE, K, KIEL, L, LE, LIVU, M, MANCH, MPU, NY, OXF, P, PC, PR, S, W, WAG, WB, WRSL.
Correspondence with D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 32: 706-707; AG 6(1): 352 (extensive inf.); Barnhart 3: 244 (b. 3 Jan 1804, d. 30 Dec 1876); Biol.-Dokum. 16: 8367-8370 (some items not attributable to this author); BL 2: 171, 715; BM 4: 1869; Clokie p. 240; CSP 5: 567-568, 8: 892, 11: 352, 12: 666; DAB 2: 607; DTS 1: 274-276, 6(4): 195; Frank 3 (Anh.): 94; Hegi 5(1): 621, 6(2): 1206; Herder p. 189; Hortus 3: 1203; Jackson p. 118, 227, 308; Kanitz 264; Lasègue p. 104; PR 8464-8468, 8323, ed. 1: 9416-9419; Rehder 5: 782; TL-1/1201-1204, see K.P.J. Sprengel; TL-2/see P.C. Billot, I. Dörfler, K. Keck; Tucker 1: 638, 3: 274; Urban-Berl. p. 262, 394; Zander ed. 11, p. 815.

BIOFILE: Anon., Bonplandia 1: 519. 1853 (cogn. Leopoldina G.D.J. Koch), 2: 5, 190. 1854, 3: 34. 1855, 6: 52, 193. 1858; Flora 34: 80. 1851 (cent. 13/14 of Fl. Gall. Germ. exs.), 37: 16. 1854 (moved from Bitsch to Weissenburg; exsiccatae will from now on be "Herbarium normale", one century/year), 55: 464. 1872 (ill, cannot answer mail), 60: 32. 1877 (d.); J. Bot. 15: 64. 1877 (d.); Österr. bot. Z. 27: 73. 1877 (d.).
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Candolle, Alph. de, Phytographie 449. 1880.
Hein, W.H. & H.D. Schwarz, Deut. Apoth. Biogr. 2: 607. 1978 (biogr. sketch).
Keiler, A., Persönliche Erinnerungen an Dr Friedrich Wilh. Schultz, Festschr. z. 80. Geburtst. Georg v. Neumayer. Bad Dürkheim 1906, p. 90-103. 1906.
Lauterborn, R., Beitr. Fauna Fl. Oberrheins, iii. Zur Erinnerung an F.W. Schultz (1804-1876), Dürckheim 1906, 68 p., reprinted from Mitt. Pollichia 1906 (biogr., portr., bibl., correspondence), also Festschrift z. 80. Geburtstag Georg v. Neumayer, Bad Dürkheim 1906, p. 22-89 (bibl., corr.).
Malinvaud, E., Bull. Soc. bot. France 23: 44. 1876 (Schultz ill, cannot continue Herb. normale, will sell herbarium).
Poeverlein, H., Zum 100. Geburtstage von Friedrich Wilhelm und Karl Heinrich Schultz, 4 p., 1805 (Pfälzisches Museum 1905 (2)).
Sayre, G., Mem. New York Bot. Gard. 19(1): 44-46. 1969 (detailed description of Flora Galliae et Germaniae exsiccata); Bryologist 80: 517. 1977 (coll. bryo.).
Schönach, H., Jahresber. Real-Ober-Gymn. Feldkirch 257, 265, 280, 632. 1882.
Schultz Bipont., C.H., Bot. Zeit. 5: 520. 1847 (2 special sets "Prachtexemplare" of cent. 1-10 of the *Flora Galliae et Germaniae exsiccata*; Jahresber. Pollichia 18/19: 74-91. 1861 (biogr. sketch, descr. Herb. normale).
Schuster, Mitt. philomath. Ges. Elsass-Lothr. 3(1): 20-22. 1895 (n.v.).
Scriba, J., Flora 59: 240. 1876 (herb. F.W. Schultz for sale), 60: 81-86. 1877 (obit.).
Spilger, L., Mitt. Pollichia ser. 2. 10: 139. 1942 (letters rd by F.W.S.).
Wagenitz, G., Index coll. princ. herb. Gott. 152. 1982.

NOTE (1): Schultz notices in Pollichia 15: 97. 1857, that in various publications he is referred to as F., F.W., F.G. (Fréd. Guill.) and Fr. Schultz, as if these were four different persons. "Ich heisse Friedrich Wilhelm (Fr. Guil.), schreibe aber nur F. Schultz".
(2): When Schultz moved from Bitsch to Weissenburg the waggon carrying the boxes with his herbarium, and especially the material for future issues of the *Fl. Gall. Germ.*

exsicc., met with an accident with led to the loss of the material through water damage. According to Lauterborn (1906) this led to the abandoning of the first series of exsiccatae, which, at Weissenburg, was replaced by the simpler *Herbarium normale*, bringing material from all over Europe.

COMPOSITE WORKS: (1) With C.H. Schultz-Bip., *Comm. bot.* 1859.

HANDWRITING: Candollea 33: 377-378. 1978.

11.291. *Beitrag zur Kenntnis der deutschen Orobanchen* ... München 1829. Fol. (*Beitr. Kenntn. deut. Orobanch.*).

Publ.: 1829 (p. [3]: 30 Mar 1829; Flora 21 Dec 1829), p. [1]-12, *1 pl.* (uncol. lith.). *Copies*: G, M, MO, NY, USDA. – Privately published; not issued through the book trade. – See also Ann. Gewächsk., Regensburg 5: 504-506. 1830 (announcement of a monograph of Orobanche).

Ref.: Anon., Flora 13(2): 663-664. 7 Nov 1830 (rev.); Ann. Gewächsk. 5: 502-504. 1830.

11.292. *Flora Galliae et Germaniae exsiccata.* Herbier des plantes rares et critiques de la France et de l'Allemagne, recueillies par la Société de la flore de France et d'Allemagne, publié par le docteur F.G. Schulz, ... Année 1836, ou 1re Centurie ... Bitche et Deux-Ponts (chez l'Auteur) 1836. Fol. (*Fl. Gall. Germ. exs.*).

1: 1836, p. [1]-8. – *Collaborators*: C. Billot, C. Grenier, R. Lenormand, C.H. Schultz Bip. – Text accompanying exsiccatae.

2: 1838 (p. 4: Nov 1838), p. [1]-4. – "Années 1837 et 1838, ..." – *Collaborators*: de Baudot, de Belly, C. Billot, D. Buchinger, Buek, Conteau, M.C. Durieu de Maisonneuve, J. Gay, C. Grenier, R. Lenormand, C. Mathieu, N. Nicklès, C.H. Schultz, V. Suard.

3/4: 1840 (p. 6: Mar 1840), p. [1]-6. – *Collaborators*: Baroué, de Baudot, de Belly, C. Billot, Blanc, Boeckeler, Boehmer, D. Buchinger, Buek, Conteau, J.C. Doell, M.C. Durieu de Maisonneuve, A. Einsele, J. Gay, C. Grenier, W.D.J. Koch, C. Koenig, L. de Lambertye, Laurent, R. Lenormand, Léo, Leras, D. Lereboullet, M.J. Loehr, C. Maercker, C. des Moulins, N. Nicklès, J.H. Schultes, C.H. Schultz, V. Suard, Wurschmidt.

Copies: B, FI, L.

Continuation: Sets 5-16 were issued 1842-1852 (5/6: Nov 1842, 7/8: 15 Mar 1844, 9/10: 28 Dec 1846, 11/12: 25 Feb 1848, 13/14: 29 Jan 1850, 15/16: 16 Dec 1852; with accompanying text "*Archives de la Flore de France et d'Allemagne* ... 1842-1854, see below.

Reviews and notices: Flora 20, Int. Bl. 1: 10-16. 1837 (cent. 1, rev., list), 21: 566. 1838 (cent. 1), 22: 151. 1829 (cent. 2), 23: 426-432. 1840 (cent. 2. rev., list), 23: 767. 1840 (cent. 3/4), 23(2),Int. Bl. 20-23. 1840 (cont. 3/4); 27(2): 836. 1844 (note by Schultz, cent. 1-6 available; 100 sets prepared, 42 to subscribers, 39 free to Societies and friends, 10 for collaborators; 9 still for sale; has started sending out cent. 7/8), 29: 62. 1846 (9/10 available), 31: 556-560. 1848 (11/12 available, list), 34: 80, 788. 1851 (13/14).

Id. Bot. Zeit.: Schlechtendal, D.F.L. von, 2: 879-880. 1844 (rev. cent. 1-6), 3: 515-520. (Aug 1845 (rev. 7/8), 3: 618-620. 1845 (rev. 3/4), 650-653, 665-667. 1845 (rev. 5/6), 5: 911-912. 17 Dec 1847 (9/10), 6: 807-808. 17 Nov 1848 (11/12), 11: 925-926. 1853 (has moved to Weissenburg; collections damaged when moving; no complete copies of *Flora* available any longer; contemplates issuing a *Herbarium normale*; requests collaboration by plant collectors.

Ref.: Salmon, C.E., J. Bot. 66: 107-133. 1928.

11.293. *Archives de la flore de France et d'Allemagne* ... Bitche (Moselle, France) chez l'auteur, Haguenau (Bas-Rhin, France), chez le professeur C. Billot et Deux Ponts (Palatinat, Bavière) chez le docteur Schultz. 1842-1855. Oct. †. (*Arch. fl. France Allem.*).

1: Jan 1842-Feb 1848, p. [i], [1]-166. – The text contains e.g. the descriptions belonging to Fl. Gall. Germ. exs., orig. set cent. 5-16 and complément by P.C. Billot. See above under exsiccata.

2: Apr 1850-Mar 1854, p. 167-326 (p. 326 dated 28 Feb 1854), id. cent. 13-16 and complément 6-14. Additional text: p. 327-350 (n.v.). 1855; id. complément 15-16.

Copies: E, FI, M, MO, NY; IDC 8040.
Ref.: Salmon, C.E., J. Bot. 66: 107-133. 1928.

11.294. *Andeutungen zur Kenntniss einiger Orobanchen Griechenlands.* Fragment aus den Vorarbeiten zur Monographie der Gattung Orobanche ... [Regensburg 1843]. Oct.
Publ.: 28 Feb 1843 (in journal), p. [1]-8. *Copies*: FI, G. – Reprinted and to be cited from Flora 26: 125-132. 28 Feb 1843.

11.295. *Flora der Pfalz* enthaltend ein Verzeichniss der bis jetzt in der bayerischen Pfalz und den angrenzenden Gegenden Badens, Hessens, Oldenburgs, Rheinpreussens und Frankreichs beobachteten Gefässpflanzen, mit Angabe der Dauer und der Blüthezeit, aller bis jetzt bekannt gewordenen Fundorte und Finder, der Natur der Fundorte und der geognostischen Beschaffenheit des Bodens, mit Merkmalen neuer und zweifelhafter Arten und anderen Bemerkungen, nach Kochs Synopsis und Taschenbuch der Deutschen und Schweizer Flora geordnet, und nebst Beifügung der Anordnung der Gattungen nach dem Linneischen Sexualsysteme, der tabellarischen Uebersicht der Ordnungen des natürlichen Systems, sowie der Gattungs- undArtenmerkmale, im Auszuge aus diesen Werken, ... Speyer (Verlag von G.L. Lang) 1846 [i.e. 1845]. Oct. (*Fl. Pfalz*).
Publ.: Sep [-Dec?] 1845 (t.p. 1846, preface 1 Aug 1845, but p. 34 Nachtrag: "Seit dem Erscheinen dieses Werkchens, im September 1845, ..." written Spring 1846; see also Grundz. Phytostat. Pfalz p. 1; Regensburg rd Jan 1846; Hinrichs Apr 1846), p. [i]-lxxvi, [1]-575, [576, err.]. *Copies*: B (t.p. undated), FI, G, HH, M.
Nachtrag: 8-10 Oct 1846 (p. 35: Apr 1846; Hinrichs; rev. Bot. Zeit. 11 Dec 1846), cover-t.p., p. [1]-35. *Copies*: B, G, M, NY, USDA. – *Nachtrag zur Flora der Pfalz* enthaltend die deutschen Namen der Gattungen und Arten aller bis jetzt in der bayerischen Pfalz und den angrenzenden Gegenden Badens, Hessens, Oldenburgs, Rheinpreussens und Frankreichs beobachteten Gefässpflanzen nebst Anmerkungen und Verbesserungen ..." Speyer (id.). Oct.
Zusätze und Berichtigungen: zu meiner Flora der Pfalz, F.W. Schultz, Flora 33: 193-206. 7 Apr, 209-218. 14 Apr, 450-454. 7 Aug 1850; see also Pollichia 16/17: 1-20. 1859 (also mentioned below).
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 4: 150-152. 1846 (rev.), 4: 864. 1846 (rev. Nachtrag).

11.296. *Archives de Flore* journal botanique rédigé par F. Schultz ... Première partie. Décembre 1854-Décembre 1855 ... Wissembourg (Bas-Rhin, France), chez le rédacteur. Deidesheim (Palatinat, Bavière), chez le docteur C.H. Schultz. Oct. (*Arch. Fl.*).
1: Dec 1854-Dec 1855, p. [i-ii], [1]-206, *4 pl.* – In monthly parts.

sign.	pages	date	sign.	pages	date
1	1-16	Dec 1854	8	113-128	Jul 1855
2	17-32	Jan 1855	9	129-144	Aug 1855 incl. *4 pl.*
3	33-48	Feb 1855	10	145-160	Sep 1855
4	49-64	Mar 1855	11	161-176	Oct 1855
5	65-80	Apr 1855	12	177-192	Nov 1855
6	81-96	Mai 1855	13	193-206	Dec 1855, incl. [i-ii]
7	97-112	Jun 1855			

2: Aug 1856-Mai 1869, p. 209-382, published at irregular intervals, as *Archives de Flore.* Recueil botanique.

pages	dates	pages	dates
209-257	Aug 1856	323-342	Mar 1864
258-288	Dec 1858	343-364	Jun 1866
289-322	Apr 1861	365-382	Jun 1869

Copies: BR, FI, M, MO, NY, PH; IDC 8040/7150. – Text accompanying *Herbarium normale* sets 1-12, 1856-1869. – See above (Herbarium and types). Exsicc., (2).

Notices on progress and reviews of *Arch. Fl.* and *Herb. norm.*: Schlechtendal, D.F.L. von, Bot. Zeit. 11: 925-926. 30 Dec 1853 (ann.); Anon., Flora 37: 16, 301-303. 1854 (ann.); F.H. Schultz, Bonplandia 2: 5-6. 15 Jan 1854 (on moving his collections, damage, plan to issue Herbarium normale), Anon., Bonplandia 2: 190. 15 Aug 1854 (*Archives de Flore* to become a monthly journal; collaboration with C. Billot); B., Flora 42: 501-507. 1859 (general paper on *Herbarium normale* and on Schultz himself); Anon., Bot. Zeit. 23: 359. 1865 (rev. *Arch. Fl.* 2: 323-342. 1864); Bull. Soc. bot. France 11: 199. 1964 (rev. *Herb. norm.*) 7/8), Schultz, Flora 49: 60-61. 1866 (7/8); J. Bot. 4: 393. Dec 1866 (*Herb. norm.*) 9/10 available); Bot. Zeit. 24: 314-315. 1866 (rev. *Arch. Fl.* 2: 343-364. Jun 1866). *Herb. norm.*, ser. [2], F. Schultz, Flora 54: 479-480. 23 Dec 1871 (subscription second series *Herb. norm.*, F. Schultz & F. Winter, and *Arch. Fl. Eur.*); Anon., J. Bot. 10: 64. 1872 (id.), 11: 128. Apr 1873 (three cent. publ.); F. Schultz, Flora 58: 222-223. 1875 (issue *Herb. norm.* ceases); J. Scriba, 1 p. printed letter [1877], will issue further centuries from Schultz's estate).

11.297. *Bemerkungen über einige in der bayerischen Pfalz beobachtete* und einige andere *Pflanzen*, ... Landau in der Pfalz. (Druck von Ed. Kanssler) 1857. Oct.

Publ.: 1857 (p. 37: 20 Jul 1857), cover-t.p. (with above title), p. [1]-37. *Copies*: BR (indep. pag.), G (journ. pag.), M (id.). – Reprinted and to be cited from Jahresber. Pollichia 15: 97-133. 1857, see also ib. 18/19: 196. 1861. – T.p. of paper in Pollichia: "*Beiträge zur Flora der Pfalz*, nebst Beobachtungen und Bemerkungen über einige andere Pflanzen ..."

11.298. *Zusätze und Berichtigungen* zu meiner *Flora der Pfalz* ... Neustadt a.d. H. (Buchdruckerei von D. Kranzbühler jun.) 1859. Oct. (*Zusätz. Fl. Pfalz*).

Publ.: 12 Oct-10 Dec 1859 (internal evidence, inf. R. Tournay; BSbF Apr 1860 or somewhat later), p. [i], [1]-25. *Copies*: B-S, G, HH, LC. – Preprinted from Pollichia 16/17: [1]-20, Beitr. zu Th. Gümbels Moosflora der Pfalz [21]-25. 12 Oct-10 Dec 1859.

Weitere Zusätze zu meiner Flora der Pfalz ... Neustadt a.d. H. (id.) 1859, p. [1]-9, [10]. *1 pl. Copies*: B-S, LC. – Reprinted from Pollichia 16/17: 323-329. 1859 (p. 9: 12 Oct 1859).

Continuation: Jahresber. Pollichia 18/19: 95-123, Zusätze ... sowie Beiträge zu Th. Gümbels Moosflora der Pfalz 124-127. Botanisch-geol. Reise ins Nahethal 128-156, 1861; also reprinted with special cover, Neustadt a.d. H. (Buchdruckerei von D. Kranzbühler jun. 1861), p. [1]-62, (*copies*: B-S, FI, HH).

11.299. *Grundzüge zur Phytostatik der Pfalz* ... Weissenburg an der Lauter. (Beim Verfasser) 1863. Oct.

Publ.: 15 Nov-31 Dec 1863 (p. 6: 15 Nov 1863; Bull. Soc. bot. France 27 Mai 1864), p. [1]-233. *Copies*: B, BR, FAS, G, HH, M, NY. – Reprinted and to be cited from Jahresber. Pollichia 20/21: 99-319, 447-448, 449-455. 1863.

Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 23: 374-375. 8 Dec 1865 (rev.).
E., Flora 47: 318-319. 16 Jun 1864 (rev.).

11.300. *Vegetations-Verhältnisse der bayerischen Rhein-Pfalz* ... München 1865. Oct.

Publ.: 1865, p. [1]-64. *Copy*: M. – Reprinted and to be cited from Bavaria 4(2): 71-132. 1865.

11.301. *Zusätze u. Berichtigungen zu den Grundzügen zur Phytostatik der Pfalz* ... Weissenburg im Elsass (Beim Verfasser) 1866. Oct.

Publ.: 1866 (p. 6: Jul 1866), cover-t.p., p. [1]-65. *Copies*: B, BR, G, M, NY. – Reprinted and to be cited from Jahresber. Pollichia 22/24: 139-198, 222-224. 1866.

11.302. *Étude sur quelques Carex* ... Haguenau (Imprimerie et Lithographie de Valentin Edler) 1868. Oct. (*Étude Carex*).

Publ.: 1868 (p. 12: Sep 1868; ÖbZ 1 Apr 1869; BSbF rd before 11 Dec 1868; 6 Dec 1868 rd Soc. bot. Belg.), p. [1]-12,*pl. 1-2* (uncol. lith. M. Paira). *Copies*: B, BR, FI, G, MICH, MO, NY.

Ref.: H.S., Bot. Zeit. 27: 580. 27 Aug 1869 (rev.).

11.303. *Beiträge zur Flora der Pfalz* ... Regensburg (Druck von Fr. Neubauer (Chr. Krug's Wittwe)) 1871. Oct.
[*1*]: 21 Oct-23 Dec 1871, p. [1]-62. *Copies*: BR, M. – Reprinted and to be cited from Flora 54: 321-329. 21 Oct, 337-341. 28 Oct, 353-359. 4 Nov, 369-375. 11 Nov, 385-391. 18 Nov, 407-410. 25 Nov, 423-426. 2 Dec, 443-446. 9 Dec, 450-457. 16 Dec, 466-478. 23 Dec 1871 (Erster Nachtrag p. 473-478).
[*2*]: 11 Jun, 21 Jun, 1 Jul 1872 (in journal), p. [1]-23. *Copies*: B, BR, M. – Id. 55: 257-264. 11 Jun, 279-284. 21 Jun, 295-302. 1 Jul 1872. – "Beiträge ... *Pfalz*. Zweiter Nachtrag nebst Bemerkungen über einige im übrigen Deutschland wachsende Pflanzen, besonders aus der Gattung Hieracium". Regensburg (id.) 1872. Oct.
[*3*]: 21 Mai, 1 Jun 1873 (in journal), p. [1]-13. *Copies*: B, BR. – Id. 56: 231-238. 21 Mai, 247-252, 1 Jun 1873. "Dritter Nachtrag, November 1872".
[*4*]: 21 Apr, 1, 11 Mai 1875 (in journal), p. [1]-20. *Copy*: BR. – Id. 58: 177-184. 21 Apr, 200-206. 1 Mai, 216-223. 11 Mai 1875. "Vierter Nachtrag. September 1874".

11.304. *Archives de la flore de l'Europe* recueil botanique rédigé par le Dr. F. Schultz ... Weissenburg, en Alsace [Apr 1872-Sep 1874]. Oct. †. (*Arch. fl. Europe*).
Publ.: in three parts 1872-1874. *Copies*: BR (p. 19-32), HH (p. 1-18), M; IDC 8040.
[*1*]: Apr 1872, p. [1]-18, [1, err.], accompanying *Herbarium normale* cent. 1-2 (phan.), cent. 1 (crypt.) by F.W. Schultz & F. Winter.
[*2*]: Jun 1874 (publ. Jul 1874?), p. 19-30, 31-32, accompanying *Herbarium normale* suppl. 1 (= cent. 1, 2).
[*3*]: Mai 1879, p. [33]-36. – This is the first of the texts accompanying the *herbarium normale*, published by K. Keck & J. Scriba, see under Karl Keck (TL-2/2: 512); the total pagination is [1]-99, [1-3], [1]-4, [1]-3, [1-2], for the centuries. Only the two parts were published as *Archives* (author: F.W. Schultz).

Schultze, A.G.R. (*fl.* 1840), German pharmacist and botanist. (*A. Schultze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1869; PR 8485, ed. 1: 9433; Rehder 3: 57.

11.305. *Compendium der officinellen Gewächse* nach natürlichen Familien geordnet. Nebst einer gedrängten Uebersicht der botanischen Terminologie und Systemkunde. Für Pharmaceuten und Mediciner ... Berlin (Verlag von August Hirschwald, ...) 1840. Oct. (in fours). (*Comp. offic. Gew.*).
Publ.: 19-25 Jan 1840 (Hinrichs; p. viii: Nov 1839; Flora 7 Mai 1840 "so eben"), p. [i]-x, [1]-362, [1-2, err.]. *Copies*: B-S, FI, NY.
Ref.: Schlechtendal, D.F.L. von, Linnaea 14 (Litt.): 94-95. 1840-41 (rev.).

Schultze, Christian Friedrich (1730-1755), German paleontologist. (*C. Schultze*).

HERBARIUM and TYPES: Unknown.

NOTE: Christian Friedrich Schulze [sic] published *Flora Dresdens und Umgebung* in S.B. Isis, Dresden 1880: 62-77. 1881.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 245; BM 4: 1869-1870; Herder p. 352, 353, 411; Jackson p. 176; NI 1816; PR 8386-8487, ed. 1: 9434-9435.

11.306. *Kurtze Betrachtung derer versteinerten Hölzer* worinnen diese natürlichen Cörper sowohl nach ihrem Ursprunge, als auch nach ihrem eigenthümlichen Unterschiede und übrigen Eigenschaften in Erwegung gezogen werden, von Christian Friedrich Schultzen, M.B. Mit Kupfer. Dressden und Leipzig (bey Friedrich Hekel) 1754. Qu. (*Kurtze Betracht. verstein. Hölz.*).
Publ.: 1754, p. [1]-32, *1 pl.* (uncol. copp.). *Copies*: HH, NY, PH. – ["Schultzen" is grammatically correct].
Reissue: 1770, Halle im Magdeburgischen (bey Carl Hermann Hemmerde) 1770. Qu. *Copy*: PH. – Title identical with that of 1754.

11.307. *Kurtze Betrachtung derer Kräuterabdrücke* im Steinreiche, worinnen dieselben so wohl in Ansehung ihres Ursprungs, als auch ihres eigenthümlichen Unterscheides und übrigen Eigenschafften, in Erwegung gezogen werden, von Christian Friedrich Schultzen ... Dresden und Leipzig (bey Friedrich Hekel) 1755. Qu. (*Betracht. Kräuterabdr.*).
Publ.: 1755, p. [1]-76, *6 pl. Copies*: HH, NSUB, PH.

Schultze, Johannes Dominik (1752-1790), German (Hamburg) physician; studied at Göttingen 1772-1775; Dr. med. 1775; practicing physician in Hamburg 1776. (*J.D. Schultze*).

HERBARIUM and TYPES: Unknown (Fischer-Benzon mentions a large herbarium of which the location was unknown to him).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 245; BM 4: 1870; Dryander 3: 267; PR 8488.

BIOFILE: Fischer-Benzon, R.J.D. *in* P. Prahl, Krit. Fl. Schlesw.-Holstein 2: 54. 1890 (b. 16 Jun 1751, d. 22 Mai 1790).
Voigt, A., Bot. Inst. Hamburg 4, 5, 6, 9, 59. 1897.

11.308. *Ueber die grosse Amerikanische Aloe* richtiger Agave bey Gelegenheit der jetzt im Raths-Apotheker-Garten blühenden ... Hamburg (In der Heroldschen Buchhandlung) 1782. Oct. (*Amer. Aloe*).
Publ.: 1782 (p. [8]: 4 Jul 1782), p. [1]-64. *Copies*: B-S, M.

Schultze, Maximilian Johann Siegmund [Max Sigmund] (1825-1874), German (Baden) diatomologist, microscopist and zoologist; studied in Greifswald and Berlin; Dr. med. Greifswald 1849 (1850); lecturer ("Privatdozent") Greifswald and prosektor 1825-1845; extraordinary professor of zoology at Halle 1845-1859; professor of anatomy at the University of Bonn 1859-1872. (*M. Schultze*).

HERBARIUM and TYPES: Unknown. – *Correspondence* with D.F.L. von Schlechtendal at HAL.

NOTE: For his grandson Max Schultze (1886-1909), Würzburg botanist, see Abh. naturw. Ver. Würzburg 12: 28-64. 1971 (1973).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 245 (b. 25 Mar 1825, d. 16 Jan 1874); BM 4: 1870; CSP 5: 571-573, 8: 894-895, 11: 353, 17: 666; De Toni 1: cxiv, 2: cvi; Herder p. 38, 122; Moebius p. 179; PR 8489.

BIOFILE: Anon., Encycl. brit. ed. 11. 24: 383. 191.
Freund, H. & A. Berg et al., Gesch. Mikroskopie 69, 180, 202, 203, 207, 213, 318, 320. 1963.
Hast, T.H., Ann. med. Hist. 3: 166-178. 1931 (portr., bibl.).
Hryniewiecki, B., Edward Strasburger 10, 15, 74, 88. 1938.
Kneitz, G., Abh. naturw. Ver. Würzburg 12: 34-35. 1971.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1220. 1898.
Sachs, J., Gesch. bot. 39, 366. 1875.
Schwalbe, G., Arch. mikr. Anat. 10: [v*, portr.], [i]-xxiii. 1874 (obit.).
VanLandingham, S.L., Cat. Diat. 6: 3589. 1978.

COMPOSITE WORKS: Editor, *Archiv für Mikroskopische Anatomie* 1-10, 1865-1874.

11.309. *Die Structur der Diatomeenschale* verglichen mit gewissen aus Fluorkiesel darstellbaren Kieselhäuten. [1863]. Oct.
Publ.: 1863 (Bot. Zeit. 25 Dec 1863), p. [1]-42, *1 pl.*, in Verh. naturh. Ver. preuss. Rheinl. Westph. 20 (Abh.): 1-42. 1863.
Ref.: Anon., Bot. Zeit. 21: 420. 1863 (rev.).

11.310. *Das Protoplasma* der Rhizopoden und der Pflanzenzellen. Ein Beitrag zur Theorie der Zelle ... Leipzig (Verlag von Wilhelm Engelmann) 1863. Oct. (*Protoplasma*).
Publ.: 1863 (Flora 11 Sep 1863; Hedwigia rev. Nov 1863), p. [i]-iv, [1]-68, [67]-68 Nachtrag, Organismen in heissen Quellen). *Copies*: NSUB, NY.
Ref.: Fournier, E., Bull. Soc. bot. France 10: 513. Apr 1864 (rev.).

Schulz, August [Albert Heinrich] (1862-1922), German (Prussian) botanist; studied medicine at Halle, state examination 1890; Dr. phil. Halle 1893, habil. ib. 1894; lecturer at Halle under Gregor Kraus 1894; professor's title 1908; librarian of the "Leopoldina" 1918. (*Aug. Schulz*).

HERBARIUM and TYPES: The wheat collection (1910-1920) and the central German herbarium (1900-1922, incl. types) went to Bertram Kalt (Rossleben, Querfurt) upon Schulz's death; no longer traced after World War II. It is not known what happened to Schulz's extensive general herbarium after his death. (Inf. K. Werner, Halle).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 245 (b. 8 Dec 1862, d. 7 Feb 1822); BFM 407, 4255, 459, 2665; Biol.-Dokum. 16: 8389-8392; BJI 2: 159-160; BM 4: 1870-1871; Christiansen p. 70; CSP 18: 607; DTS 1: 276; Futak-Domin p. 534; Kleppa p. 237, 238; KR p. 631; Moebius p. 384; Rehder 1: 350 358; TL-2/1948, 8213; Tucker 1: 638.

BIOFILE: Anon., Bot. Centralbl. 59: 352. 1894 (habil.), 108: 160. 1908 (prof. title); Bot. Not. 1922: 175, 288 (d.); Deut. biogr. Jahrb. 4 (1922): 370. 1929; Hedwigia 48: (90). 1908 (prof. title), 63: (150). 1922, 64: (69). 1923 (d.); Nat. Nov. 44: 77. 1922 (d.); Verh. bot. Ver. Brandenburg 64: 244. 1922 (d.).
Bernan, K., Mitt. thür. bot. Ver. ser. 2. 41: xxix-xxxiv. 1933 (biogr. sketch; bibl.).
Drude, O., Hercyn. Florenbezirk 8, 10, 11, 12, 13, 16. 1902 (Veg. Erde 6).
Harms, H., Ber. deut. bot. Ges. 39: (115)-(127). 1927 (obit., bibl., 128 nos.).
Kneucker, A., Allg. bot. Z. 28/29: 56 (112). 1925 (d.).
Müller, J., Jahresber. Westfäl. Prov.-Ver. Wiss. Kunst (Bot.) 51-52: 206-214. 1926 (obit.).
Pax, F., Bibl. schles. Bot. 4, 103, 148. 1929.
Rothmaler, W., *in* 450 Jahre Martin-Luther-Univ. Halle-Wittenb. 2: 457-463. 1952 ("Ein Gelehrtenschicksal").
Seeland, H., Mitt. Herm. Roemer-Mus. Hildesheim 40: 17, 25, 41. 1936.
Wächter, W., Naturw. Wochenschr. 37: 297-301. 1922 (obit.).
Wangerin, W., Bot. Arch. 3: 2-4. 1923 (obit.).

COMPOSITE WORKS: With H. Fitting and E. Wüst, *Nachtrag to C. Garcke*, Fl. Halle (see TL-2/1948), *in* Verh. Bot. Ver. Brandenburg 41: 118-165. 1899, 43: 34-53. 1901 and *Beitr. Kenntn. Fl. Halle in* Z. Naturw., Halle, 76: 110-116. 1903, 78: 166-171. 1906, 79: 267-271. 1907.

NOTE: Not to be confused with the Argentinian botanist Augusto Gustavo Schulz (b. 28 Sep 1899), whose herbarium is at CTES (see Bol. Soc. argent. Bot. 13(4): 354. 356. 1971).

EPONYMY: *Halloschulzia* O. Kuntze (1891).

11.310a. *Die Vegetationsverhältnisse der Umgebung von Halle* ... Halle a.S. (Verlag von Tausch & Grosse) 1887.
Publ.: 1887 (Bot. Centralbl. 31 Oct-4 Nov 1887; Bot. Zeit. 25 Nov 1887), p. [1]-97, [98, err.], maps 1-4, loose err. p. [1-4]. *Copies*: B, B-S. – Reprinted and to be cited from Mitt. Ver. Erdkunde Halle 1887: 30-124. 1887 (USDA rd 4 Apr 1888). The loose sheet of errata [1-4] was issued in 1888 with *Flor. Litt. Nordthüringen* 1888.
Ref.: Hieronymus, G.H.E.W., Bot. Zeit. 46: 302-304. 1888 (rev.).
Petry, A., Bot. Centralbl. 34: 231-235. 1888 (rev.).
Reiche, C., Bot. Jahrb. 10 (Lit.): 16. 1888 (rev.).

11.311. *Beiträge zur Kenntniss der Bestäubungseinrichtungen* und Geschlechtsvertheilung bei

den Pflanzen ... Cassel (Verlag von Theodor Fischer) 1888. Qu. (*Beitr. Kenntn. Bestäubungseinr.*).
[*1*]: Jan-Feb 1888 (ÖbZ 1 Mai 1888; Bot. Zeit. (rev.) 1 Jun 1888; Nat. Nov. Mar(1) 1888), p. [ii-iii], [1]-103, [104], *1 pl.* Issued as Bibliotheca botanica vol. 2, Heft 10.
2: Dec 1889 (in two parts, p. 1-112. Dec 1889, 2: 113-224. Apr 1890; Nat. Nov. Dec(2) 1889, Apr(2) 1890), p. [ii-iv], [1]-224, [i]-xi, [xii, err.]. Issued as Bibliotheca botanica vol. 3, Heft 17.
Copies: B, BR, G, HH, MO.

11.312. *Die floristische Literatur für Nordthüringen*, den Harz und den provinzialsächsischen wie anhaltischen Teil an der norddeutsche Tiefebene ... Halle a.S. (Verlag von Tausch & Grosse) 1888.
Publ.: Sep 1888 (Bot. Zeit. 30 Nov 1888; Bot. Centralbl. 15-19 Oct 1888; Flora 21 Nov 1888; Nat. Nov. Oct(2) 1888), p. [1]-86, [1-4, errata to *Veg.-Verh. Umgeb. Halle*; loose]. *Copies*: B, B-S, G, GOET, HH, M. – Reprinted and to be cited from Mitt. Ver. Erdk. Halle a.S. 1888: 88-175. 1888 (USDA rd 19 Jan 1889).
Addenda: 1891, p. [87-108]. *Copies*: B-S, G, GOET, M. – Reprinted from id. 1891: 125-146.
Ed. 2: 1891 (Bot. Zeit. 25 Sep 1891), p. [1]-90, [1]-22. *Copy*: B-S. – "Zweite durch einen Nachtrag vermehrte Auflage". Halle (id.) 1891.

11.313. *Grundzüge der Entwicklungsgeschichte der Pflanzenwelt Mitteleuropas* seit dem Ausgange der Tertiärperiode. *Inaugural-Dissertation* zur Erlangung der philosophischen Doctorwürde, welche mit Genehmigung der hohen philosophischen Facultät der Vereinigten Friedrichs-Universität Halle-Wittenberg zugleich mit Thesen am 10. August 1893 um 12 Uhr mittags öffentlich vertheidigen wird ... Halle a.S. (Druck der Buchdruckerei des Waisenhauses) 1893. Oct. (*Grundz. Entw.-Gesch. Pfl.-W. Mitteleur., Diss.*).
Publ.: 10 Aug 1893 (Bot. Zeit. 16 Sep 1893; Bot. Centralbl. 20 Sep 1893), p. [i-ii], [1]-32, [33, vita; 34 theses]. *Copies*: HH, NSUB. – For completed publication see below.

11.314. *Grundzüge einer Entwicklungsgeschichte der Pflanzenwelt Mitteleuropas* seit dem Ausgange der Tertiärzeit ... Jena (Verlag von Gustav Fischer) 1894. (*Grundz. Entw.-Gesch. Pflanzenw. Mitteleur.*).
Publ.: 1894 (p. [iii]: Jan 1894; Bot. Zeit. 14 Mar 1894; Bot. Zeit. 1 Apr 1894), p. [i-iv], [1]-206, [207, err.; 208, colo.]. *Copies*: BR, Crerar Libr., GOET, NY. – For a preliminary publication (dissertation) see above.
Ref.: Drude, O., Bot. Jahrb. 19 (Lit.): 1-7. 1895 (rev.).
Goebel, K., Flora 78: 498-499. 1894 (rev.).
Solms, K., Bot. Zeit. 52: 193-195. 1894 (rev.).
Wettstein, R. v., Österr. bot. Z. 44: 189-190. 1894 (rev.).

11.315. *Die Vegetationsverhältnisse des Saalebezirkes.* Habilitationsschrift durch welche mit Genehmigung der philosophischen Facultät der Vereinigten Friedrichs-Universität Halle-Wittenberg zu seiner Dienstag den 26. Juni Vormittags 11 Uhr stattfindenden Antrittsvorlesung über die geschichtliche Entwicklung der Pflanzengeographie ergebenst einladet Dr. August Schulz. Halle a.S. (Druck der Buchdruckerei des Waisenhauses) 1894. Oct. (*Veg.-Verh. Saalebez.*).
Publ.: 26 Jun 1894 or somewhat earlier (Nat. Nov. Nov(1) 1894), p. [i], [1]-43. *Copies*: B, HH, MO, NY.

11.316. *Entwicklungsgeschichte der phanerogamen Pflanzendecke des Saalebezirkes* ... Halle a.S. (Verlag von Tausch und Grosse) 1898. Oct.
Publ.: Oct 1898 (Bot. Centralbl. 9 Nov 1898; Bot. 1 Dec 1898; AbZ 15 Dec 1898; Nat. Nov. Nov(1) 1898), p. [i], [1]-84. *Copies*: G, GOET, NY. – Reprinted and to be cited from Mitt. Ver. Erdk. Halle 1898: 104-187.
Ref.: Drude, O., Bot. Zeit. 57: 41-42. 1899 (rev.).

11.317. *Entwicklungsgeschichte der phanerogamen Pflanzendecke Mitteleuropas* nördlich der Alpen ... Stuttgart (Verlag von J. Engelhorn) 1899. Oct. (*Entw.-Gesch. Pflanzend. Mitteleur.*).

Publ.: Mai 1899 (ÖbZ for Mai-Jun 1899; Nat. Nov. Jun(2) 1899), p. [1]-219. *Copies*: G, HH, NY. – Also issued in A. Kirchhoff ed., Forsch. deut. Land.-Volksk. 11(5): [229]-447. 1899 and reprinted p. [229]-447. 1899, *copy*: B, with a t.p. text on p. [229], Stuttgart (Verlag von J. Engelhorn) 1899.

11.318. *Über die Entwicklungsgeschichte der gegenwärtigen Phanerogamen Flora und Pflanzendecke der Skandinavischen Halbinsel* und der benachbarten schwedischen und norwegischen Inseln ... Stuttgart (F. Schweizerbart'sche Verlagshandlung (E. Naegele)) 1900. Oct.
Publ.: 1900 (Bot. Zeit. 1 Mar 1901; Bot. Centralbl. 6 Mar 1901; Bot. Jahrb. 2 Jul 1901; NY rd Aug 1901; Nat. Nov. Feb(1) 1901), p. [1]-316. *Copies*: B, BR, FI, G, H, M, NY. – Reprinted and to be cited from Abh. naturf. Ges. Halle 22: [59]-372. 1900. – See also Ber. deut. bot. Ges. 22: 133-143. 1904, 26a: 38-49. 1908, 28: 126-138, 213-223. 1910.

11.319. *Die Verbreitung der halophilen Phanerogamen* in Mitteleuropa nördlich der Alpen ... Stuttgart (Verlag von J. Engelhorn) 1901. Oct. (*Verbr. haloph. Phan.*).
Publ.: 1901 (Bot. Centralbl. 23 Sep 1902; ÖbZ for Sep/Oct 1902; Nat. Nov. Oct(2) 1901), p. [1]-92. *Copies*: B, G, NY(2). – Also issued in A. Kirchhoff, Forsch. deut. Land.-Volksk. 13(4): 273-360. 1901. – See also Z. Naturw., Halle, 74: 431-457. 1902, 75: 257-293. 1903.

11.320. *Studien über die phanerogame Flora und Pflanzendecke des Saalebezirkes* ... I. Die Wanderungen der Phanerogamen im Saalebezirke seit dem Ausgange der letzten kalten Periode ... Halle a.S. (Verlag von Tausch & Grosse) 1902. Oct. †. (*Stud. Fl. Saalebez.*).
Publ.: 1902 (AbZ 20 Sep 1902; NY rd Dec 1902; Nat. Nov. Aug(2) 1902; Bot. Monatschr. Sep-Oct 1902), p. [i], [1]-57, [58, colo.], map. *Copies*: B, NY. – See also Ber. deut. bot. Ges. 20: 54-81. 1902, 24: 441-450, 512-521, 563-574. 1906 (Entw.-Gesch. gegenw. phan. Fl. Mitteldeutschl.) (criticism of Drude) and 25: 515-553. 1907.
Ref.: Wüst, E., Bot. Centralbl. 95: 379-380. 1904 (rev.).

11.321. *Die halophilen Phanerogamen Mitteldeutschlands* [Z. Naturw. 75, 1902]. Oct.
Publ.: 1902, p. [1]-36. *Copy*: M. – Reprinted and to be cited from Z. Naturw. 75: [257]-292. 1902.

11.322. *Die Verbreitung der halophilen Phanerogamen im Saalebezirke* und ihre Bedeutung für die Beurteilung der Dauer des ununterbrochenen Bestehens der Mansfelder Seen ... Stuttgart (E. Schweizerbart'sche Verlagshandlung (E. Naegele)) 1902. Oct.
Publ.: 1902, cover-t.p., p. [1]-27. *Copy*: B. – Reprinted and to be cited from Z. Naturw. 74: [431]-457. 1902 [journal vol. dated 1901].

11.323. *Entwicklungsgeschichte der gegenwärtigen Phanerogamen Flora und Pflanzendecke der Oberrheinischen Tiefebene* und ihrer Umgebung ... Stuttgart (Verlag von J. Engelhorn) 1906. (*Entw.-Gesch. Pflanzend. Oberrhein. Tiefeb.*).
Publ.: Oct 1906 (Bot. Zeit. 1 Nov 1906; Bot. Centralbl. 6 Nov 1906; NY rd Dec 1906; Nat. Nov. Oct(2) 1906), p. [1]-119, 2 maps. *Copy*: NY. – Also issued in A. Kirchhoff, ed., Forsch. deut. Land.-Volksk. 16(3): [167]-285. 1906 and reprinted with t.p. text on p. [167], Stuttgart (Verlag von J. Engelhorn) 1906, *copy*: B.

11.324. *Die Verbreitung und Geschichte einiger phanerogamer Arten in Deutschland*, hauptsächlich in Mitteldeutschland, sowie der Verlauf der Entwicklung der gegenwärtigen phanerogamen Flora u. Pflanzendecke Deutschlands im Allgemeinen ... Leipzig (Verlag von Quelle & Meyer) 1909. Oct.
Publ.: 1909, cover-t.p., p. [1]-125. *Copy*: B. – Reprinted and to be cited from Z. Naturw. 81: [51]-175. 1909.

11.325. *Das Klima Deutschlands* während der seit dem Beginne der Entwicklung der gegenwärtigen phanerogamen Flora und Pflanzendecke Deutschlands verflossenen Zeit ... [Sonder-Abdruck aus der Zeitschrift der deutschen geologischen Gesellschaft ...] 1914. Oct.

Publ.: 1914 (ÖbZ for Dec 1910), cover-t.p., [99]-116. *Copy*: G. – Reprinted and to be cited from Z. deut. geol. Ges. 62(2): [99]-116. 1914.
Ref.: Engler, A., Bot. Jahrb. 52 (Lit.): 70. 1915 (rev.).

11.326. *Die Geschichte der kultivierten Getreide.* I. ... Halle a.d.S. (Louis Neberts Verlag (Albert Neubert)) 1913. Oct. (*Gesch. kult. Getreide*).
Publ.: 1913 (p. [v]: 15 Mar 1913; ÖbZ for Oct-Dec 1913), p. [i-vii], [1]-134. *Copies*: B, M, USDA.
Ref.: Engler, A., Bot. Jahrb. 52 (Lit.): 5-6. 1914.

11.327. *Friedrich Ehrharts Anteil an der floristischen Erforschung Westfalens* I. ... Münster (Regensbergsche Buchdruckerei) 1914. Oct.
Publ.: 1914, p. [i, recto of [114]], [114]-151. *Copy*: B. – Reprinted and to be cited from Jahresber. Westf. Prov.-Ver. Wiss. Kunst, (Bot.) 42: [114]-151. 1914.
Part II: 1916, cover-t.p., p. [76]-87, map. *Copy*: B. – Id. 44: [76]-87, map. 1916.

11.328. Gottlieb *Barkhausens Specimen botanicum* sistens fasciculum plantarum ex flora comitatus Lippiaci 1775 ... Münster (Regensbergsche Buchdruckerei) 1914. Oct.
Publ.: 1914, p. [i], [152]-157. *Copy*: B. – Reprinted and to be cited from Jahresber. Westfäl. Prov.-Ver. Wiss. Kunst (Bot.) 42: 152-157. 1914. – See also his *Beiträge zur Geschichte der Pflanzengeographischen Erforschung Westfalens*: 1-3, in id. 41: 54-75. 1916, and 4-5 in 45: 7-20. 1917.

11.329. *Die Geschichte der phanerogamen Flora und Pflanzendecke Mitteldeutschlands* vorzüglich des Saalebezirkes seit dem Ende der Pliozänzeit ... I. Teil die Geschichte der phanerogamen Flora und Pflanzendecke Mitteldeutschlands, vorzüglich des Saalebezirkes, in der Zeit vom Ende der Pliozänzeit bis zum Beginn der historischen Zeit Mitteldeutschlands Halle a.d.S. (Louis Neberts Verlag ...) 1914. Oct. †. (*Gesch. Fl. Pflanzend. Mitteldeut.*).
Publ.: 1914 (p. [iii]: 15 Aug 1914; Nat. Nov. Feb 1915), p. [i-iii], [1]-202. *Copies*: FI, G, M, MICH. – Also issued as Ber. Ver. Erf. heim. Pflanzenw. Halle, vol. 1, 1914.
Preliminary publ.: Ber. deut. bot. Ges. 20: 54-81. 1902.

Schulz, Ellen Dorothy (1887-1970), American botanist; M.S. Univ. Mich. 1918; high school teacher at San Antonio, Texas 1919-1925; director Witte Memorial Museum, ib. 1925-1960; married Roy William Quillin 29 Jul 1928. (*E.D. Schulz*).

HERBARIUM and TYPES: Some material at A, BAYLU, F, LA, LCU, MICH, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 245 (b. 16 Jun 1892); Hortus 3: 1203; Tucker 3: 274.

BIOFILE: Howes, D., Amer. women 1. 491. 1935, 2: 606. 1937.
Voss, E.G., [biographical details] in litt. d.d. 13 Oct 1982.

11.330. *500 wild flowers of San Antonio and vicinity* ... San Antonio, Texas (Published by the author) 1922. (*Wild fl. S. Antonio*).
Publ.: 1922 (p. 4: 1 Sep 1921; NY rd Dec 1922), p. [1]-272, *pl. 1-21*. *Copies*: HH, MO, NY, US, USDA.

11.331. *Texas wild flowers* a popular account of the common wild flowers of Texas ... Chicago, New York (Laidlaw Brothers ...) 1928. (*Texas wild fl.*).
Publ.: 1928 (MO rd 24 Jan 1929), p. [i]-xi, 1-505, *pl. 1-4*. *Copies*: HH, M, MICH, MO, NY, USDA.

11.332. *Texas cacti* a popular and scientific account of the cacti native of Texas ... San Antonio, Texas (Texas Academy of Science) 1930. (*Texas cacti*).
Co-author: Robert Runyon (1881-1968).
Publ.: 1930 (p. iii: Feb 1930), frontisp., p. [i]-iv, 1-181. *Copies*: BR, MICH, NY, US, USDA. – Issued as Trans. Texas Acad. Sci. 14. 1930.

Schulz, Franz (*fl.* 1869), German gardener and botanist at Berlin. (*F. Schultz.*

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 297, 299; Rehder 1: 294, 371, 386, 3: 69, 4: 83.

11.332a. *Deutschlands Nutz- und Zierpflanzen. I. Deutschlands Wälder und Haine.* Naturgeschichte der heimischen und harten ausländischen Holzgewächse in den Wäldern, Park-Anlagen und Gärten Deutschlands, nebst einer populärer Anleitung zum Bestimmen der Pflanzen ... Berlin (Verlag von Theobald Grieben) 1868. Oct. (*Deutschl. Wäld. Hain.*).
Publ.: 1868, p. [i]-iv, [1]-192. *Copy*: B.

11.332b. *Botanischer Kalender für Nord-Deutschland.* Wegweiser und Gedächtnisshülfe auf botanischen Excursionen für Lehrer, Botaniker und Studirende ... Berlin (Carl Dunckers' Verlag ...) 1869. Oct. (*Bot. Kalend. N.-Deutschl.*).
Publ.: Jun-Aug 1869 (p. iv: Anfang Mai 1869; Flora 10 Sep 1869; Bot. Zeit. 15 Oct 1869), p. [i]-xii, [1]-156. *Copies*: B, HH.
Ref.: Anon., Österr. bot. Z. 20: 95. 1 Mar 1870 (rev.).
Singer, J., Flora 53: 73-74. 12 Mar 1870 (rev.).

Schulz, Hermann (1882-1970), German botanist and teacher; at the Seminar für Lehrerbildung, Homberg, 1900-1903; teacher at Meckbach 1903-1907; in various educational functions in Kassel 1907-1927; director of the botanical garden, ib., 1927; administrator of the Waldschule Kassel-Wilhelmshöhe 1927-1935; in charge of the botanical collections of the Kassel Naturkundemuseum 1929; evacuated to Witzenhausen 1943-1945; in charge of the Naturkundemuseum Kassel 1951-1966. (*H. Schulz*).

HERBARIUM and TYPES: KASSEL. – *Phytopathologisches Herbarium* (see announcement in Herbarium 29: 262-263. 1913 and ÖbZ 63: 90. 1913).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 245; BFM 2933; IH (ed. 7): 342; Tucker 1: 638.

BIOFILE: Sauer, H., Hess. florist. Briefe 11: 5-6. 1962 (n.v.) (see also 6: 4. 1957).
Wiedemann, H., Philippia 1: 44-51. 1970 (obit., portr., bibl.).

COMPOSITE WORKS: *Der Obstbau, seine Geschichte und Praxis*, in *Das Leben der Pflanze* iv. Die Pflanzen und der Mensch, Band 1, 1913.

Schulz, Johann Heinrich (1799-1870), German (Pommerian) naturalist and high school teacher; on active service in France 1815-1816; teacher at a private Berlin school 1816-1822; high school teacher at the Königliche Realschule Berlin 1823-1831; from 1831-1866 "Oberlehrer". (*J.H. Schulz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 245; BM 4: 1871; PR ed. 1: 9441; Rehder 1: 88.

BIOFILE: Anon., Jahres. Ber. k. Realschule Berlin 1870: 70-72. (obit.).
Ascherson, P., Fl. Prov. Brandenburg 1: 13. 1864.

NOTE: J.H. Schulz published *Gedanken über die dem weiblichen Geschlechte zugesprochene Fähigkeit zum Unterrichten* in wissenschaftlichen Disciplinen in der Schule, Berlin, 1837, which evoked a reply from T. Homberg, *Gedanken zur Erziehung* ... zur Widerlegung der Schrift des Herrn J.H. Schulz "Gedanken ..." 1845.

11.333. *Wegweiser für die botanischen Excursionen* in der Mark *Brandenburg* besonders in der Umgebung Berlins ... Die Phanerogamen, Farrn, Equisetaceen, Lycopodiaceen, Mar-

siliaceen und Characeen enthaltend. Ein Hülfsbuch für Botaniker, Mediciner, Pharmaceuten, Oekonomen und Schüler in Gymnasien, Seminarien u. Realschulen. Berlin (Verlag von E.H. Schroeder ...) 1857. Oct. (*Wegw. bot. Excurs. Brandenb.*).
Publ.: 1857 (Bull. Soc. bot. France Oct-Dec 1857, rev.), p. [i]-viii, [1]-171. *Copy*: NY.

Schulz, Otto Eugen (1874-1936), German (Berlin) botanist; educated at Berlin (Friedrichs-Gymnsasium, Kön. Seminar für Stadtschullehrer); high school teacher at various schools in Berlin 1906-1931; from 1931 in retirement because of invalidity; collaborator with I. Urban for West Indian plants and with A. Engler and H. Harms on the Pflanzenreich and Nat. Pflanzenfam., ed. 2; specialist on Cruciferae and Erythroxylaceae. (*O.E. Schulz*).

HERBARIUM and TYPES: B (extant; collections made with Roman Schulz, Fl. Brandenburg 1895-1925). – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 658; Barnhart 3:246 (b. 31 Oct 1874, d. 17 Feb 1936); Biol.-Dokum. 16: 8400-8401; BJI 1: 52, 2: 160; BM 4: 1871; Bossert p. 356; DTS 6(4): 195-196; Hortus 3: 1203; Langman p. 687; MW p. 441; TL-2/1711, 1713; Urban-Berl. p. 395; Zander ed. 10, p. 714, ed. 11, p. 815.

BIOFILE: Anon., Hedwigia 76: (141). 1936 (d.).; J. Bot. 74: 152. 1936 (d.); Notizbl. Bot. Gard. Mus. Berlin-Dahlem 13: 154. 1936 (obit., d. 24 Feb 1936, err.); Österr. bot. Z. 85: 160. 1936 (d.).
Castellanos, A., Physis 12(43): 187-188. 1936 (obit., d. 24 Feb 1936; erroneous).
Ernst, A., Verh. bot. Ver. Brandenburg 77: 138. 1937 (d.).
Loesener, Th., Verh. bot. Ver. Brandenburg 76: 157-166. 1936 (obit., portr., bibl.; "ein still wirkender Forscher ..." (Loesener)).
Schulz, A. et E., Official death notice by family, Berlin-Steglitz 17 Feb 1936 (correct date of death; funeral 21 Feb 1936).
Schmid, B. & C. Thesing, Biol.-Kalend. 1: 310. 1914.
Verdoorn, F., ed., Chron. bot. 2: 68. 1936, 3: 120, 122. 1937, 5: 201. 1939.

COMPOSITE WORKS: (1) *In* I. Urban, *Symb. ant.*:
(a) *Cruciferae*, 3(3): 493-523. 1 Mai 1903.
(b) *Smilax*, 5(1): 17-47. 20 Mai 1904.
(c) *Erythroxylaceae*, 5(2): 188-211. 20 Mai 1907.
(d) *Citharexylum*, 6(1): 56-69. 15 Jul 1909.
(e) *Solanaceae*, 6(1): 140-192. 15 Jul 1909, 6(2): 193-279. 15 Dec 1909.
(f) *Begonia*, 7(1): 1-29. 15 Dec 1911.
(g) *Beuria*, 7(1): 45-71. 15 Dec 1911.
(2) *In* A. Engler, *Pflanzenreich* (all also reprinted Lehre 1958):
(a) *Erythroxylaceae*, IV.134 (Heft 29): 1-176. 13 Aug 1907.
(b) *Cruciferae*, IV.105, (Heft 70): 1-290. 30 Dec 1919, (Heft 84): 100 p., 20 Jun 1923, (Heft 86): 1-388. 22 Jul 1924, (Heft 89): 1-396. 25 Feb 1927 (see also O.E. Schulz, Bot. Jahrb. 59 (Lit.): 67-68. 1924).
(3) *In* EP, *Pflanzenfam.* ed. 2:
(a) *Cruciferae*, 17b: [227]-658. 1936.
(b) *Erythroxylaceae*, 19a: 130-143. 1931.
(4) *In* Ascherson & Graebner, *Syn. Mitteleur. Fl.*, *Cruciferae*, 5(4): 1-160. 1936.
(5) *Erythroxylaceae*, *in* R. v. Wettstein, ed., *Erg. bot. Exped. k. Akad. Wiss. nach Südbrasilien* 1901, vol. 1, 3 p. (Denkschr. mat.-nat. Kl. k. Akad. Wiss. Wien 79(1): 273-275. 1908).

EPONYMY: *Ottoschulzia* Urban (1912).

11.334. *Monographie der Gattung Melilotus* ... [Separat-Abdruck aus Engler's Botanischen Jahrbüchern [29.] Band [5.] Heft ... Leipzig (Wilhelm Engelman) 1901]. Oct.
Publ.: 12 Feb 1901 (in journal), p. i, recto of 660], [660]-735, [736], *pl. 6-8* (uncol. lith. auct.). *Copy*: G. – Reprinted and to be cited from Bot. Jahrb. 29(5): 660-735, [736], *pl. 6-8*. 12 Feb 1901.

11.335. *Monographie der Gattung Cardamine* ... [Separat-Abdruck aus Engler's Botanischen Jahrbüchern [32.] Band [4.] Heft ... Leipzig (Wilhelm Engelmann) 1903].
Publ.: 24 Apr-30 Jun 1903 (in journal; ÖbZ for Jul 1903; AbZ 15 Oct 1903; Nat. Nov. Aug(1) 1903), p. [i = recto of [280], 280-623, *pl. 7-10. Copies*: G, NY. – Reprinted and to be cited from Bot. Jahrb. 32(4): 280-416, *pl. 7-10.* 24 Apr 1903, 417-623. 30 Jun 1903.

Schulz, Paul Franz Ferdinand (1872-1919), German (Berlin) botanist; teacher at various Berlin schools; popular writer on cultivated plants. (*P.F.F. Schulz*).

HERBARIUM and TYPES: Unknown. – Schulz ran a "Tauschvermittlung für Herbarpflanzen" and published annual catalogues (at least 1899-1904) in which herbarium material was offered for sale or exchange. The "4. jährl. Verzeichniss" issued 1 Jan 1903, for instance, offered not less than 7500 different taxa coming from 90 countries. Many cultivated plants were included. – 36 Fungi were at B (rd 1903).

NOTE: (1) For the diatomologist Paul Schulz (*fl.* 1926-1935), see below under Schulz-Danzig.

NOTE: (2) [Karl Friedrich] Paul Schulz, b. 26 Nov 1858 in Berlin, is the author of *Das Markstrahlengewebe* und seine Beziehungen zu den leitenden Elementen des Holzes, Inaugural-Dissertation, Univ. Berlin 15 Nov 1882, p. [1]-28, *1 pl. Copy*: B.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 246 (b. 18 Jul 1872, d. 4 Dec 1919); Biol.-Dokum. 16: 8401; Tucker 1: 638; Urban-Berl. p. 282.

BIOFILE: Anon., Gartenflora 68: 308. 1919 (d. 4 Dec 1919); Hedwigia 62: (83). 1920 (d.).; Verh. bot. Ver. Brandenburg 61: 119. 1920 (d.).
Harms, H., Verh. bot. Ver. Brandenburg 63: 69-70. 1922 (obit.).
Hedge, I.C. & J.M. Lamond, Index coll. Edinb. herb. 128. 1970 (material from Thüringen in E).
Lucks, R., Ber. westpreuss. bot.-zool. Ver. 55: xii-xviii. 1933 (obit., portr.).
Schmid, B. & C. Thesing, Biol.-Kalend. 1: 310-311. 1914.
Schulz, P.F.F., J. Bot. 38: 64. 1900 (request for herbarium specimens of cultivated plants for his "Tauschvermittlung").

Schulz, Richard (*fl.* 1904), German (Silesian) botanist; Dr. phil. Zürich (student of H. Schinz and F.A. Pax) 1904. (*Ri. Schulz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 160; BM 4: 1871; DTS 6(4): 196; Hortus 3: 1203.

11.336. *Monographische Bearbeitung der Gattung Phyteuma.* Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Hohen philosophischen Facultät (Mathematisch-naturwissenschaftliche Sektion) der Universität Zürich ... Geisenheim a. Rhein (Druck von Joh. Schneck, ...) 1904. Oct. (*Monogr. Phyteuma*).
Thesis issue: 1904, p. [i, iii], [1]-204, 3 maps. *Copies*: G(2).
Commercial issue: 1904 (AbZ 1 Oct 1904; ÖbZ for Mai-Jun 1904; Bot. Centralbl. 6 Dec 1904), p. [i], [1]-204, 3 maps. *Copies*: BR, HH, MICH, NY, PH, USDA. – "Arbeit aus dem botanischen Garten der Universität Breslau. *Monographie der Gattung Phyteuma* ... Geisenheim a.Rh. (Druck und Kommissionsverlag von J. Schneck) 1904. Oct.
Ref.: Mez, C., Bot. Centralbl. 96: 523-524. 1904 (rev.).
Solms, H., Bot. Zeit. 62: 374-375. 1904 (rev.).
Ulbrich, E., Bot. Jahrb. 34: 44-45. 1905 (rev.).

Schulz, Roman (1873-1926), German (Berlin) botanist; brother of O.E. Schulz; educated in Berlin at the "Kön. Seminar für Stadtschullehrer" and the "Lehrerseminar"; teacher at various Berlin schools; active populariser of mycology and specialist on the flora of the Mark Brandenburg. (*Ro. Schulz*).

HERBARIUM and TYPES: B (extant; see under O.E. Schulz and Pilger (1953)) – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 246 (b. 12 Feb 1873, d. 17 Oct 1926); BFM 247, 248, 1313; Biol.-Dokum. 16: 8402; Bossert p. 356; DSB 6(4): 196; LS suppl. 24992-25002; TL-2/5952.

BIOFILE: Anon., Verh. bot. Ver. Brandenb. 68: 279. 1926 (d.).
Pax, F., Bibl. schles. Bot. 8, 103, 148. 1929.
Pilger, R., Willdenowia 1(1): 17. 1953 (coll. extant at B).
Ulbrich, E., Z. Pilzk. ser. 2. 6(1): 1-5. 1927 (obit.); Verh. bot. Ver. Brandenb. 68: 176-186. 1927 (obit., portr., bibl.).

COMPOSITE WORKS: Edited and amended E. Michael, *Führ. Pilzfr.* (TL-2/5952) see editions 1922-1924, 1927.

EPONYMY: *Romanschulzia* O. Schulz (1924).

Schulz-Danzig, Paul (*fl.* 1926-1935), German phycologist from Danzig. (*Schulz-Danz.*).

HERBARIUM and TYPES: Unknown.

NOTE: Schulz signed hiself P. Schulz but used Schulz-Danzig on some of his publications. – His *Die Kieselalgen der Danziger Bucht* was published on 1 Feb 1926 in Bot. Arch. 13: 149-327.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 160.

BIOFILE: VanLandingham, S.L., Cat. Diat. 4: 2313, 2369. 1971, 6: 3589. 1978, 7: 4226-4227. 1978 (lists main publ. on Diat.).

EPONYMY: *Paulschulzia* Skuja (1948); *Schulziella* Hanna et Forti (1933); *Schulziella* Teiling (1942). *Note*: *Schulzipollis* Goczan (1967) was named for Eberhard Schulz, German palynologist; *Schulzospora* R.M. Kosanke (1950) honors Franz Schulz[e] (1815-1873).

11.337. *Kurze Mitteilungen über Algenparasiten* ... Nordseebad Büsum i. H. (Druck und Verlag Johann Haack, ...) 1923. Oct.
Publ.: Nov 1923 (in journal), p. [1]-6, *1 pl. Copies*: G, M. – Reprinted from Schr. Süssw. Meeresk. 11: 178-184. 1923.

11.338. *Die Diatomeen und Desmidiaceen des Mariensees* unter Berücksichtigung ihrer wichtigsten Gesellschafter ... Sonderabdruck aus dem 53. Bericht des Westpreussischen botanisch-zoologischen Vereins [1931]. Oct.
Publ.: 1931 (mss. rd Jan 1931), p. [1]-65. *Copy*: M. – Reprinted and to be cited from Ber. Westpreuss. bot.-zool. Ver. 53(vii): 1-65. 1931.

Schulz-Korth, Karl (1906-1931), German (Prussian) botanist; studied at Berlin Univ. 1924; with J. Mattfeld to Greece 1926; scientific collaborator Berlin-Dahlem 1927; Dr. phil. Berlin 1931, student of J. Hillmann. (*Schulz-Korth*).

HERBARIUM and TYPES: B (destr.). – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 246 (b. 15 Mar 1906, d. 6 Sep 1931); GR p. 47-48, *pl.* [*17*], cat. p. 71; LS suppl. 25003-25004; SBC p. 131; Zep-Tim. p. 102.

BIOFILE: Anon., Hedwigia 72: (114). 1932 (d.).
Fedde, Repert. Sp. nov. 29: 161. 1931 (died in accident).
Laundon, J.R., Lichenologist 11(1): 17. 1979 (herb. B, destr.).
Mattfeld, J., Verh. bot. Ver. Brandenburg 73: 141-152. 1931 (obit., portr., bibl.).

11.339. *Die Flechtenvegetation der Mark Brandenburg* von Karl Schulz (genannt Schulz-Korth) ... Dahlem bei Berlin (Verlag des Repertoriums) 1931. Oct. (*Flechtenveg. Brandenburg*).
Publ.: 15 Nov 1931, portr. of author [S. died 6 Sep 1931], p. [i]-viii, [1]-192, [193], *pl. 1-23. Copies*: Almborn, BR, PH, U, USDA. – Issued as Repert. sp. nov. Beih. 67, 1931 (ed. F. Fedde).
Thesis issue (issued simultaneously with regular issue): 15 Nov 1931, front. portr., p. [i]-viii, [1]-192, [913],, *pl. 1-23. Copies*: B, G, "*Die Flechtenvegetation der Mark Brandenburg* mit 45 Photographien ... und einem Selbstbildnisse des verstorbenen Verfassers. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin".

Schulze, Carl (1865-?), German (Holstein) botanist and pharmacist; pharmaceutical state exam. 1891; Dr. phil. Erlangen 1895. (*C. Schulze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 246 (b. 28 Aug 1865).

11.340. *Über den anatomischen Bau des Blattes* und der Achse in der Familie *der Phytolaccaceen* und deren Bedeutung für die Systematik. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Facultät der Friedrich-Wilhelm-Universität Erlangen ... Danzig (Druck von Julius Sauer) 1895. Oct. (*Anat. Bau Blatt. Phytolacc.*).
Publ.: Apr-Jul 1895 (after 13 Mar 1885, oral exam.; ÖbZ. for Jun-Jul 1895; Bot. Zeit. 1 Apr 1896; Nat. Nov. Aug(1) 1895), p. [1]-56, [57, vita], *1 pl. Copies*: B, US.

Schulze, Erwin (1861-1931), German (Prussian-Saxonian) botanist and naturalist. (*Erw. Schulze*).

HERBARIUM and TYPES: Unknown. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 329; Barnhart 3: 246 (b. 1 Mar 1861); BJI 2: 160; BM 4: 1871, 8: 1166; DTS 1: 276; Quenstedt p. 389; TL-2/see E.F. Pantanelli.

NOTE: Not to be confused with the German (Prussian) phytochemist, Ernst Schulze (31 Jul 1840-15 Jun 1912), see E. Winterstein, Biochem. Bull. 2: 1-21. 1912.

11.341. *Über die Flora der subhercynischen Kreide.* Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde, welche mit Genehmigung der philosophischen Fakultät der Vereinigten Friedrichs-Universität Halle-Wittenberg zugleich mit angehängten Thesen am 3. März 1888 Mittags von 12 Uhr ab öffentlich vertheidigen wird Erwin Schulze aus Quedlinburg ... Halle (Gebauer-Schwetschke'sche Buchdruckerei) 1888. Oct. (*Fl. subhercyn. Kreide*).
Publ: 3 Mar 1888 or shortly before (Bot. Zeit. 27 Apr 1888), p. [1]-33, [34, vita, 35 theses]. *Copy*: MO.

11.342. *Florae germanicae Pteridophyta* ... Kiliae [Kiel] (in libraria Lipsii et Tischeri) 1894. Oct. (*Fl. germ. Pterid.*).
Publ.: Mar 1894 (p. iv: 1 Jan 1894; ÖbZ for Mar 1894; Bot. Centralbl. 4 Apr 1894; Bot. Zeit. 16 Apr 1894; Hedwigia Mar-Apr 1894; Nat. Nov. Apr(1) 1894), p. [i]-viii, [1]-29. *Copies*: G, HH, NY.
Ref.: Klebahn, H., Bot. Zeit. 52: 165-166. 1 Jun 1894.

11.343. *Index Thalianus* ... Stuttgart (E. Schweizerbart'sche Verlagshandlung (E. Nägele) 1905. Oct.
Publ.: 1905 , p. [1]-72. *Copies*: B, FAS, M, USDA. – Reprinted and to be cited from Z. Naturw. 77: [399]-470. 1905. – Introduction to and enumeration and identification of the plants in Johannes Thal (1542-1583) *Sylva Hercynia* 1588. – For a further publication of Thal's plants see also S. Rauschert, ed. J. Thal, Silva Hercynia, Leipzig 1977.

11.344. *J. Camerarii symbolae ad floram germanicam.* Über einige Thal'sche Pflanzen ... Stuttgart (E. Schweizerbart'sche Verlagshandlung (E. Nägele)) 1906. Oct.
Publ.: 1906, p. [1]-22, [1]-11. *Copies*: B, USDA. – Reprinted and to be cited from Z. Naturw. 78: 172-193, 194-204.

11.345. J.C.. *Beckman's Flora von Anhalt* (1710) neu herausgegeben von Erwin Schulze ... Stuttgart (E. Schweizerbart'sche Verlagshandlung (E. Nägele)) 1907. Oct.
Original author: Johann Christoff Beckman[n] (1641-1717), PR 549-551.
Publ.: 1907, cover-t.p., p. [323]-352. *Copy*: FAS. – Reprinted and to be cited from Z. Naturw. 78: [323]-352. 1907.

11.346. *Additamenta litteraria ad Leopoldi Loeske Floram bryophytorum hercynicam* ... Stuttgart (E. Schweizerbart'sche Verlagshandlung(E. Nägele)) 1907. Oct.
Publ.: 1907, p. [1]-27. *Copies*: B, G, M, USDA. – Reprinted and to be cited from Z. Naturw. 78: [401]-427. 1907. – For Leopold Loeske (1865-1935), *Moosfl. Harz.* see TL-2/4938.

11.347. *Symbolae ad floram hercynicam* 1-3. Zur phytomorphologischen *Nomenclatur* ... Leipzig (Verlag von Erwin Nägele (Julius Klinkhardt)) 1907. Oct.
Publ.: 1907, cover-t.p., p. [1]-30. *Copy*: B. – Reprinted and to be cited from Z. Naturw. 79: [432]-461. 1907.

Schulze, Georg [Martin] (1909-x), German (Prussian-Saxony) botanist; Dr. phil. Univ. Berlin 1934; from 1933-1952 assistant (in various ranks) at the Botanical Garden and Museum, Berlin-Dahlem, curator 1952, in charge of the division of phanerogams 1960; "wissenschaftlicher Oberrat" 1966, 1969 director; from 1971-1974 also professor of botany at the Free University of Berlin; from 1959-1968 lecturer at the horticultural college Berlin-Dahlem; from 1974 in retirement; specialist on Balsaminaceae; member of the editorial committee for the International Code of Botanical Nomenclature 1954-1972. (*G.M. Schulze*).

HERBARIUM and TYPES: B (pre-1943 destr.), BM, LISU. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 246 (b. 14 Aug 1909); Biol.-Dokum. 16: 8411; Bossert p. 356; IH 1 (ed. 1): 10, (ed. 2): 23, (ed. 3): 26, (ed. 4): 27, (ed. 5): 19, (ed. 6): 25, (ed. 7): 26; Langman p. 687; MW p. 441, suppl. p. 310; Roon p. 101; Zander ed. 10, p. 714, ed. 11, p. 815.

BIOFILE: Pilger, R., Mitt. Bot. Gard. Mus. Berlin-Dahlem 1(1): 16. 1953 (1943-1947 activities).
Rollins, R.C., Taxon 5: 3. 1956 (portr. in group).
Schulze, G.M., Ber. deut. bot. Ges. 64 (Beih.): 13-22. 1951 (Die gegenwärtige Situation der Systematik).

COMPOSITE WORKS: (1) Exell, A.W. & F.A. Mendonca, *Conspectus florae angolensis* 2(2), *Balsaminaceae*, Lisboa 1956.
(2) *Internationaler Code der Botanischen Nomenklatur* angenommen vom siebenten Internationalen Botanischen Kongress, Stockholm, Juli 1950 ... prepared by J. Lanjouw, ... F.A. Stafleu, ... Deutsche Fassung 1954. Gedruckt bei A.W. Hayn's Erben. Berlin SO 36, Jun 1954, p. [1]-184. *Copy*: FAS.
(3) Co-editor specifically responsible for the German text of *International Code of Botanical Nomenclature* [adopted ... Paris 1954] 1956, [adopted ... Montreal 1959], 1961, [adopted ... Edinburgh 1964] 1966, [adopted ... Seattle 1969]. 1972.

11.348. *Vergleichend-morphologische Untersuchungen an Laubknospen und Blättern* australischer und neuseeländischer Pflanzen. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin. Von Georg M. Schulze ... Berlin (E. Schütt, ...) 1934. Oct. (*Vergl. morph. Unters. Laubkn.*).
Publ.: on or shortly before 28 Feb 1934 (day on which thesis was defended), p. [i-ii],

[33]-64, *pl. 1-16* (uncol.). *Copies*: B, FAS. – Preprinted from Repert. sp. nov., Beih. 76: 33-64. 1 Jun 1934.

11.348a. *Über einige afrikanische Balsaminaceen-Arten* ... [Notizbl. Bot. Berlin 12, 1935]. Oct.
Publ.: 6 Dec 1935, p. [733]-740. *Copy*: US. – Reprinted and to be cited from Notizbl. Bot. Gard. Berlin 12: [733]-740. *1935*.

Schulze, [Johann Ernst] Ferdinand (*fl.* 1788), German physician and botanist. (*J.E.F. Schulze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Dryander 3: 541; PR 8492, ed. 1: 9447; Rehder 3: 260; Tucker 1: 638.

11.349. *Toxicologia veterum.* plantas. venenatas. exhibens. Theophrasti. Galeni. Dioscoridis. Plinii. aliorumque. auctoritate. ad deleteria. venena. relatas. Loca. ex. veterum. monimentis. eruta. perpetuo. commentatio. ornavit. varia. experimenta. et. observata. adjecit. J.E. Ferdinand Schulze. M.D. Halae [Halle] (Litteris. orphanotrophei) 1788. Qu. (*Toxicol. vet.*).
Publ.: 1788, p. [i*-ii*], [i]-lxxviii. *Copies*: G, MO.

Schulze, Johann Heinrich (1687-1744), German (Prussian) botanist; Dr. med. Halle 1717; professor of medicine at Halle 1720 and, concurrently, professor of Greek and Arab languages at Altorf 1729; professor of medicine, eloquence and archeology at Halle from 1732-1744. (*J.H. Schulze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1872; Bossert p. 356; Dryander 3: 289, 435, 486, 492, 501, 509, 529, 525, 538, 560; Herder p. 477 [index]; PR 8493-8503, ed. 1: 9448-9459; Rehder 5: 783; Tucker 1: 638.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 216: 623-624.1914. (lists all dissertations for which J.H.S. acted as *Praeses*).
Hoeffer, ed., Nouv. biogr. gén. 43: 600-601. 1846.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 862. 1863.
Schwarzbach, M., Auf den Spuren unserer Naturforscher 18. 1981.
Zachert, U., Herzog August Bibl. Wolfenbüttel, Verz. med. nat. Drucke 1472-1830: 1519-1521. 1982.
Zuchold, E.A., Jahresber. nat. Ver. Halle 5: 52. 1853.

EPONYMY: *Schulzia* K.P.J. Sprengel (1813, *nom. cons.*, also honors C.F. Schultz, *q.v.*).

Schulze, [Carl Theodor] Maximilian (Max Schulze (Jena)) (1841-1915), German (Prussian-Saxony) botanist; trained to be a professional soldier (Kriegsschule Erfurt; officer 1862) but discharged after an accident; student-pharmacist 1862-1868; studied pharmacy and botany at Halle 1868; state examination pharmacy 1870; pharmacist at Hildburghausen 1871-1878; from 1878 in Jena devoting himself to botany, especially rhodology and orchidology; from 1912 with the title of professor. (*M. Schulze*).

HERBARIUM and TYPES: B (mainly destr.). – Further material at BAS, BHU, C, GOET, L, OXF, W. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 751, 6(1): 77; Backer p. 521; Barnhart 3: 246 (b. 24 Nov 1841, d. 28 Mai 1915); Biol.-Dokum. 16: 8413-8414; BM 4: 1872; Bossert p. 356; Clokie p. 241; CSP 18: 614; DAB 2: 608. 1978; DTS 1: 276, 6(4): 196-197; GF p. 75; Hegi 4(2): 1013; Morren ed. 10, p. 24; NI 1817; Rehder 5: 783; Tucker 1: 638, 3: 274; Urban-Berl. p. 395.

BIOFILE: Anon., Ber. deut. bot. Ges. 33: (156). 1915 (d.); Bot. Centralbl. 129: 208. 1915 (d.); Bot. Not. 1915: 190 (d. 29 Mai 1915); Hedwigia 57: (76). 1915 (d.); Nat. Nov. 37: 215. 1915 (d.); Österr. bot. Z. 65: 176, 360. 1915 (d.); Verh. bot. Ver. Brandenburg 57: 244. 1916 (d.).
Ascherson, P.F.A., Nachtr. Fl. Magdeburg 70. 1894.
Chemnitius, F., Die Botaniker an der Universität Jena 19. 1930.
Dingler, M., Ber. deut. bot. Ges. 34: (5)-(14). 1916 (obit., portr., bibl.).
Dorendorf, J., geb. Schulze, Death notice by family, dated 29 Mai 1915 ("Gesternabend ..." so d. 28 Mai 1915; copy at B).
Hein, W.H. & H.D. Schwarz, Deut. Apoth. Biogr. 2: 608. 1978 (biogr. sketch).
Kneucker, A., Allg. bot. Z. 17: 170. 1911 (prof. title), 21: 48. 1915 (d.).
Rettig, E., Mitt. thür. bot. Ver. ser. 2. 33: 1-6. 1916 (obit., bibl., portr.).
Sachs, J. v., Gesch. Bot. 339, 366. 1875; Hist. botanique 325, 351. 1892.
Wagenitz, G., Index coll. princ. herb. Gott. 153. 1982.

11.350. *Jena's wilde Rosen* ... Mitteil. d. Bot. Ver. f. Gesamtthür. V [Jena (Frommann'sche Buchdruckerei) 1886]. Oct.
Publ.: 1886, cover-t.p., p. [1]-57, 73-84. *Copies*: B, BR, M. – Reprinted and to be cited from Mitt. geogr. Ges. Jena, (Mitt. thür. bot. Ver.) 5 (Anh.): 1-57, 73-84. 1886. – See also Mitt. Geogr. Ges. Jena (id.), 4: 85-88. 1887.
Ref.: Freyn, J.F., Bot. Centralbl. 28: 304-305. 6-10 Dec 1886 (rev.).

11.351. *Die Orchidaceen Deutschlands*, Deutsch-Oesterreichs und der Schweiz ... Gera-Untermhaus (Fr. Eugen Köhler's Verlag) 1892-1894. (*Orch. Deutschl.*).
Publ.: 1892-1894 (provisional intr. Lief. 1, dated August 1892; in 13 Lieferungen see below), p. [i-iv], portr. H.G. Reichenbach, [v-x], 1-17, [18], *pl.* [*o*, general], *1-5*, *5b*, *6-7*, *7b*, *8-9*, *9b-c*, *10-13*, *13b*, *14-19*, *19b-c*, *20*, *20b*, *21*, *21b*, *22-28*, *28b-c*, *29-31*, *31b-d*, *32-37*, *37b*, *38-42*, *42*[*bis*], *42b*, *43*, *43b*, *44-46*, *46b*, *47-48*, *48b-d*, *49-56*, *56b*, *57-65*, *65*[*bis*], *66-69*, *69*[*bis*], *70* (chromoliths.; artists e.g. Bicknell, E. Fiek, M. Klee, J. Schultze-Weimar) with descriptions [1-14 indexes]. *Copies*: B, BR, G, H, HH, MO, NY, U, USDA. The The date and contents of the 13 Lieferungen, so far as known, are listed below. The text to accompany the plates was not always published simultaneously with the plates.
1: Aug 1892 (provisional preface dated Aug 1892; Bot. Zeit. 4 Nov 1892; Bot. Centralbl. 13 Oct 1892; ÖbZ for Aug 1892; Nat. Nov. Oct(2) 1892).
2: Jan 1893 (ÖbZ for Jan 1893; Bot. Centralbl. 22 Feb 1893; Bot. Zeit. 16 Mar 1893; Nat. Nov. Feb(1) 1893), *pl. 27*, *28*, *28b-c*, *31*, *31b-d*, with 12 p. text.
3: Feb 1893 (ÖbZ for Feb 1893; Bot. Centralbl. 28 Feb 1893; Nat. Nov. Mar(1) 1893), *pl. 6*, *14*, *26*, *37*, *37b* [and possibly *pl. 60*, *68*], with 16 p. text.
4/5: Apr 1893 (Bot. Zeit. 16 Jun 1893; ÖbZ for Mai 1893; Nat. Nov. Mai(1) 1893).
6/7: Jul 1893 (Bot. Zeit. 16 Oct 1893; Bot. Centralbl. 16 Aug 1893; ÖbZ for Jul 1893; Nat. Nov. Aug(1) 1893).
8: 1893 (Bot. Centralbl. 25 Oct 1893; Nat. Nov. Nov(1) 1893), *pl. 9*, *9b-c*, *33*, *36*, *64* and text for *pl. 9*, *9b-c*, *30*, *33*, *36*,*49*, *50*, *64*, *66*, *67*, *70*.
9/10: Feb 1894 (ÖbZ for Feb 1894; Nat. Nov. Mar(1) 1894), *pl. 2*, *3*, *4*, *13*, *16*, *18*, *20*, *20b*, *24*, *25*, *32*, *52*, *54*, *55*, *56*, *56b*, text for *pl. 3*, *4*, *13*, *16*, *34*, *35*, *52*, *54*, *56*.
11/13: Aug 1894 (ÖbZ for Aug 1894; Bot. Zeit. 1 Jan 1895; Nat. Nov. Aug(2) 1894), *pl. 7*, *7b*, *12*, *13b*, *19*, *19b*, *19c*, *21*, *21b*, *23*, *29*, *34*, *35*, *42*, *62*, *65*, *69*, pl. [o, general], portr., Reichenbach, text for *pl. 2*, *7*, *12*, *18*, *19*, *20*, *21*, *23*, *24*, *29*, *32*, *62*, definitve t.p., preface, introd., index and err.
The instruction to the binder on the cover of 11/13 states that the provisional preface from Lief. 1 is to be discarded; furthermore plates 42, 65, 69, with dark background were to be replaced by the replacement *plates 42*[*bis*], *65*[*bis*], *69*[*bis*]. The second sheet text of 67 was to go with *pl. 48*. The ideal copy ws to be bound: title, dedic., portr. Rchb. fil., preface, text Orchidaceae Juss. 1-17, general plate [o], text and plates, alphabetical index, errata et corrigenda.
Nachträge: Mitt. thür. bot. Ver. ser. 2. 10: 66-87. Apr 1897 (Nat. Nov. Mai(2) 1897; Bot. Monatschr. Mai 1897).
Weitere Nachträge: Feb-Mar 1898 (in journal), p. [1]-11. *Copies*: B, G. – Reprinted and to be cited from Österr. bot. Z. 48: 49-53. Feb, 109-115. Mar 1898.

Nachträge iii: Jun, Jul Aug 1899 (in journal), p. [1]-16. *Copies*:B, G. – Reprinted and to be cited from Österr. bot. Z. 49: 164-167. Jun, 263-270. Jul, 296-300. Aug 1899.
Nachträge iv: Mitt. thür. bot. Ver. ser. 2. 17: [37]-75. 1902.
Ref.: Kienitz-Gerloff, Bot. Zeit. 51(2): 348-349. 1893 (rev. 1-7).

Schulze, [Carolus Otto] Rudolfus (1870-?), German (Berlin) botanist; studied at the Berlin University; Dr. phil. ib. 1893 as student of Adolf Engler. (*R. Schulze*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 1: 52.

BIOFILE: Schulze, R., Vita, in his dissertation, p. [50], see below, 1893.

11.351a. *Beiträge zur vergleichenden Anatomie der Liliaceen*, Haemadoraceen, Hypoxidioideen und Velloziaceen. (Specieller Teil). Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich zu verteidigen am 26. Juli 1893 von Rudolf Schulze aus Berlin ... Leipzig (Wilhelm Engelmann) 1893. Oct. (*Beitr. vergl. Anat. Liliac.*).
Thesis: 26 Jul 1893 (Nat. Nov. Sep(1) 1893), p. [1]-49, [50, vita; 51, theses; 52, imprint].
Copies: B, G. – Preprinted from Bot. Jahrb. 17(3-11): 345-394. 1893.
Commercial issue (completed): 29 Sep 1893 (in journal), cover-t.p., p. [295]-394, *pl. 7-8.*
Copy: B. – Reprinted and to be cited from Bot. Jahrb. 17(3-4): [295]-394, *pl. 7-8.* 1893.
Ref.: Roth, E., Bot. Centralbl. Beih. 4(2): 115-117. 1894 (rev.).

Schulze, Walther (1875-?), German (Saxonian) pharmacist and botanist; pharmac. state exam. Leipzig 1899; Dr. phil. Erlangen 1891, student of H. Solereder. (*Wa. Schulze*).

HERBARIUM and TYPES: Unknown. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 246 (b. 3 Mai 1875); Tucker 1: 639.

11.352. *Beiträge zur vergleichenden Anatomie der Genisteengattungen* Genista, Adenocarpus und Calycotome. Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät der Friedrich-Alexanders-Universität Erlangen ... Chemnitz (J.W. Geidels Buchdruckerei (Göldner & Höppner)) 1901. Oct. (*Beitr. Anat. Genist.*).
Publ.: ca. 8 Mar 1901, p. [1]-59, [60, vita]. *Copies*: B, HH, M, NSUB, USDA.

Schulze, Wilhelm (*fl.* 1899), German (Rheinland-Prussian) botanist. (*Wi. Schulze*).

HERBARIUM and TYPES: Unknown.

11.352a. *Morphologie und Anatomie der Convalllaria majalis* L. Mit 2 Tafeln. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde der Hohen naturwissenschaftlich-mathematischen Fakultät der Universität Basel ... Bonn (Druck von Jean Trapp, ...) 1899. Oct. (*Morph. Anat. Convall. maj.*).
Publ.: 1899, p. [1]-43, [44], *1 pl.* (uncol.), [1, err.]. *Copy*: G.

Schulze-Menz, Georg Karl Wilhelm (1908-1978), German (Prussian) botanist; studied at the University of Berlin 1928-1935; Dr. phil. 1936; temporary scientific assistant at the Botanical Museum and Garden, Berlin-Dahlem, 1934-1935; with the Bot. Staatsanstalten München 1935-1936; again in Berlin-Dahlem 1936; regular assistant 1940, in active service and prisoner-of-war 1941-1948; scientific officer at the office of plant conservation, Berlin 1948-1952; from 1952 again with Berlin-Dahlem as scientific officer 1952, curator 1953, divisional superintendent 1962, head curator 1968, director 1972-1973, also as professor of botany; specialist on Rosales. (Schulze-Menz as of 10 Sep 1938); (*Schulze-Menz*).

HERBARIUM and TYPES: B (types and coll. 1957 Judikarische Alpen).

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 356; IH 1 (ed. 3): 26, (ed. 4): 27, (ed. 5): 19; Roon p. 101; Zep-Tim p. 103 (b. 17 Aug 1908).

BIOFILE: Anon., Taxon 27: 492. 1978 (d.), 28: 44. 1979 (d. 18 Aug 1978).
Jacobs, M., Fl. males. Bull. 32: 3184. 1979 (d.; work on *Polyosma*).
Mildbraed, J., Willdenowia 1(1): 39. 1953 (asst. B), 1(4): 670. 1956 (curator B as of 1 Dec 1953).
Potztal, E., Willdenowia 9: 5-8. 1979 (obit., portr., bibl.), (b. 30 Aug 1908, d. 18 Aug 1978).

COMPOSITE WORKS: *Rosales, in* A. Engler's *Syllabus der Pflanzenfamilien* ed. 12, 2: 193-242. 1964.

THESIS: *Morphologisch-systematische studien über die Gattung Hybanthus* mit besonderer Berücksichtigung der südamerikanischen Arten, Bot. Jahrb. 67: 436-493. 1936.

Schulzer von Müggenburg, Stephan (1802-1892), Austrian soldier and botanist of German/Croatian descent; trained as a professional soldier at the military school of Olmütz (Olomouc) 1817-1820; on active service 1820-1845; organised military hospitals in Vinkovci, 1849, and Slavonski Brod 1851; director of various military schools 1851-1858/59; in retirement from 1859 dedicating himself to mycology, living in Slavonia. (*Schulzer*).

HERBARIUM and TYPES: Schulzer made many drawings of fungi but relatively few herbarium specimens. Some material is at W. Manuscript (incl. drawings) "Schwämme und Pilze aus Ungarn und Slavonien" bought by the Hungarian Academy of Sciences 1869; idem "Pilze aus Slavonien" in the University library Zagreb. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 490; Barnhart 3: 246 (b. 19 Aug 1802, d. 5 Feb 1892); Biol.-Dokum. 6: 8420; BM 4: 1872, 8: 1166; Bossert p. 356; CSP 5: 575, 8: 897-898, 11: 356-357, 12: 667, 18: 614; Frank 3 (Anh.): 94; GR p. 653, cat. 71; Hawksworth p. 185; Herder p. 193, 245, 247, 434; Jackson p. 497; Kanitz 275; Kelly p. 209, 257; LS 24373-24437; Morren ed. 2, p. 42; NI 191, 1020; PR 8504; Rehder 1: 447, 3: 433; Stevenson p. 1257; TL-2/740, 3485, 9903, see A. Kanitz, J.A. Knapp; WU 32: 204-205.

BIOFILE: Anon., Bot. Centralbl. 49: 384. 1892 (d.); Bot. Jahrb. 15 (Beibl. 34): 17. 1892 (d.); Nat. Nov. 14: 135. 1892 (d.); Österr. bot. Z. 30: 1-5. 1880 (biogr. sketch, portr.), 42: 111. 1892 (d.).
Pax, F., Grundz. Pfl.-Verbr. Karpathen 30, 36, 40. 1898.
Raab, H., Z. Pilzk. 55: 177, 179. 1977.
Tortic, M., Taxon 19: 93-101. 1970 (biogr., bibl.); Acta bot. croat. 40: 183-199. 1981 (Schulzer's Polypores from Slavonia).
Vouk, V., Act. Soc. Sci. nat. Croat. 39/40: 85-94. 1928, also separately p. [1]-10. 1928. *Copies*: B, G. (Aus dem wissenschaftlichen Nachlasse des kroatischen Mykologen Stephan Schulzer von Müggenburg).
Wittrock, V.B., Acta Horti Berg. 3(2): 158. 1903 (on portr.).

COMPOSITE WORKS: (1) See TL-2/3485, K. Kalchbrenner et S. Schulzer, *Icon. select. Hymenomyc. Hung.* 1873-1877 which was based on the manuscript "Systematische Aufzählung ..." mentioned above. See Tortic (1970) p. 95 for the part of Schulzer in this undertaking. Schulzer should at any rate be considered co-author. – Other *copies*: BR, MO, NY.
(2) A. Kanitz, *Noch einmal über Josef von Lerchenfeld* und dessen botanischen Nachlass ... mit mycologischen Bemerkungen von Stephan Schulzer von Müggenburg ... Hermannstadt (gedruckt in der Buchdruckerei der v. Closius'schen Erbin) 1884, p. [1]-46, *pl. 1-2. Copy*: G. – Reprinted from Verh. Mitt. siebenb. Ver. Naturw. Hermannstadt 34, 1884; mycology on p. 25-42, *pl. 1-2.* – Further to a paper by F. Schur, ib. 4: 88-96. 1853.

(3) For the numerous short papers entitled *Mykologisches* published in Österr bot. Z. and Flora and for *Mykologische Beiträge* 1-6, published in Verh. zool. bot. Ges. Wien see the bibliography by Tortic (1970).

EPONYMY: *Schulzeria* Bresadola et Schulzer (1886).

11.352b. *Mycologische Beobachtungen für 1864* ... [Verh. zool.-bot. Ges., Wien 1864]. Oct.
Publ.: Dec 1864 (fide Tortic), p. [105]-120. *Copy*: FH. – Reprinted and to be cited from Verh. zool. bot. Ges., Wien 14 (Abh.): 105-120. 1864.

11.353. *Beiträge zur Mykologie* ... (Aus den Verhandlungen d. k.k. zoologisch-botanischen Gesellschaft in Wien [Jahrgang 1865] besonders abgedruckt) [Wien 1865]. Qu.
Publ.: Dec 1865 (mss. submitted 5 Jul 1865; publ. Dec 1865 fide Tortic), p. [1]-16, *pl. 16*. *Copy*: G. – Reprinted and to be cited from Verh. zool. bot. Ges. Wien 15 (Abh.): 783-798. *pl. 16*. 1865.

11.354. *Die bisher bekannten Pflanzen Slavoniens*. Ein Versuch ... Wien (Carl Czermak) 1866. Qu.
Co-authors: August Kanitz (1843-1896), Joseph Arnim Knapp (1843-1899).
Publ.: Jan-Mai 1866 (mss. submitted 2 Oct 1865; BSbF Jun 1866; Flora 30 Mai 1866), p. [i], [1]-172. *Copies*: BR, FH, G, H, HH, NY. – Reprinted and to be cited from Verh. zool.-bot. Ges. 16 (Abh.): 1-172. 1866.
Nachtrag: by Carl Stoitzner, ib. 19: [903]-908. 1869.
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11.354a. *Mykologische Miscellen* ... [Verh. zool. bot. Ges., Wien 16 (Abh.)-18 (Abh.), 1866-1868]. Oct.
[*1*]: Dec 1866 (fide Tortic), p. [797]-816. *Copy*: FH. – Reprinted and to be cited from Verh. zool. bot., Ges., Wien 16 (Abh.): [797]-816. 1866.
[*2*]: Dec 1867 (id.), p. [709]-730. *Copy*: FH. – Id. 17 (Abh.): 709-430. 1867.
[*3*]: Dec 1868 (id.), p. [331]-340. *Copy*: FH. – Id. 18 (Abh.): 331-340. 1868.

11.355. *Micromycetes sclavonici novi* recensuerunt St. Schulzer v. Mueggenburg et P.A. Saccardo [Revue Mycologique 1884]. Oct. (*Micromyc. sclav. nov.*).
Co-author: Pier Andrea Saccardo (1845-1920).
Publ.: 1-15 Feb 1884 (1 Apr 1884 in journal; reprint; Bot. Zeit. 28 Mar 1884 [sic]; Bot. Centralbl. 17-21 Mar 1884; BSbF 18 Apr 1884; Nat. Nov. Feb(2) 1884), p. [1]-12. *Copy*: FI. – Preprinted from Rev. mycol. 6(22): 68-80. 1 Apr 1884. – Text also published in Hedwigia 23: 41-44. Mar, 77-80. Mai, 89-91. Jun, 107-112. Jul, 125-128. Aug 1884. In view of the early distribution, at least before 15 Mar (see Bot. Centralbl. above), the new taxa should be cited from the independently paged preprint.

Schumacher, Albert (1893-1975), German (Rhine-Prussian) botanist and school teacher; teacher's examination 1919 and 1921; teacher at Waldbröl 1921-1958; active floristic botanist, batologist and bryologist. (*A. Schumach.*).

HERBARIUM and TYPES: MSTR (fide F. Runge 1967); some further material in C, DBN (bryo.), DPU (bry.), GB, M (lich.), NMW. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 16: 8420; Roon p. 101.

BIOFILE: Koppe, F., Abh. Naturw. Ver. Bremen 36: 256. 1964.
Paul, H., Decheniana, Bonn 130: 4-15. 1977 (obit., portr., bibl. by T. Butterfass).
Runge, F., Abh. Landesmus. Naturk. Münster Westfalen 29: 33, 34, 35. 1967 (private herb. in Westfälischen Provinzial-Herbar, MSTR).
Sayre, G., Bryologist 80: 517. 1977.
Schumacher, A., Personal communication to senior author 1957 (herb. private).

Schumacher, [Heinrich] Christian Friederich (1757-1830), Danish (Holstein)

botanist and physician; Dr. med. Copenhagen 1817; surgeon at Rendsborg 1773; prosector Univ. Copenhagen 1778; private anatomy teacher 1781, ship's surgeon 1784, lecturer in chemistry at the Copenhagen medical school 1785; military surgeon 1792, hospital physician and professor of surgery 1795-1813; in retirement 1813-1816; practicing again in Copenhagen 1816; ordinary professor of anatomy 1819. (*Schumach.*).

HERBARIUM and TYPES: C (35.000); other material at LE. – The types of the new taxa described in the *Beskr. Guin. Pl.* (1827) are in the Isert and Thonning herbarium at C, available on IDC microfiches (IDC 2203). For manuscripts see Christensen 2: 117.

BIBLIOGRAPHY and BIOGRAPHY: AG 23: 31-32 (W. Hess); Backer p. 661; Barnhart 3: 246 (b. 15 Nov 1757, d. 9 Dec 1830); BM 4: 1872; Dawson p. 737; Dryander 3: 237; Frank 3 (Anh.): 94; GR p. 679, cat. 71; Herder p. 194, 218; Hortus 3: 1203; IF 729; Lasègue p. 316, 339, 345, 444; LS 24438, 41720; NI 2219-2350; PR 8505-8509, ed. 1: 9460-9464; Rehder 5: 784; RS p. 141; SBC p. 132; SK 4: ccxii; Stevenson p. 1257; SY p. 16; TL-1/1207-1207a; Tucker 1: 639; Zander ed. 10, p. 714, ed. 11, p. 815.

BIOFILE: Anon., Flora 14: 540-544. 1831 (obit.); Leipz. Lit. Zeit. 1831(1): 633-638, 681-685, 729-731.
Buchheim, G., Huntia 3(3): 166. 1979 (provided designs for drawings for Fl. Danica plates 1292-1320).
Candolle, Alph. de, Phytographie 449. 1880 (coll.).
Christensen, Dansk. Bot. Hist. 1: 89, 91, 159, 221-224, 295. 1924, 2: 115-117. 1924 (main bibl.; further biogr. refs.).
Henriksen, K.L., Entom. Meddel. 15(3): 110-111. 1923 (portr.).
Herholdt, J.D., Oratio quam ad festum semiseculare C.F. Schumacheri celebrandum habuit ... Hafniae 1828, 20 p. (n.v.).
Hornemann, J., Nat. Tidskr. 1: 576. 1837 (epon.).
Lind, J., Danish fungi herb. E. Rostrup 15-17. 1913 (portr.).
Nissen, C., Zool. Buchill. 376. 1969.
Norrie, G., Dansk biogr. Leks. 21: 432-435. 1941 (detailed biogr.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 866. 1863.
Sayre, G., Bryologist 80: 517. 1977.
Schouw, J.F., Flora 7(1): 284-285. 1824 (Beskr. Guin. Pl. ready; no publisher found).
Warming, E., Bot. Tidsskr. 12: 86-88. 1880 (bibl.).

HANDWRITING: Bot. Tidsskr. 57: 316, 317. 1961.

EPONYMY: *Schumacheria* K.P.J. Sprengel (1830). *Note*: *Schumacheria* Vahl (1810) probably also honors this author.

11.356. *Enumeratio plantarum* in partibus Sællandiae septentrionalis et orientalis ... Hafniae [Kjøbenhavn] (apud Fridericum Brummer, typis E.M. Cohen) 1801-1803, 2 parts. Oct. (*Enum. pl.*).
1: Dec 1801, p. [i]-viii, [ix-x], [1]-304.
2: 1803 (t.p.; mentioned by Hinrichs Jan-Jun 1804), p. [i]-iii], [1]-489.
Copies: B-S, FI, G, H, MO, NY, Stevenson, USDA. – Christensen no. 3a.
Danish: 1804, *Den kjøbenhavnske Flora* ... oversat af det Latinske ... med de danske Trivielnavne samt et Register af F.C. Kielsen, Kjøbenhavn, 1804. Oct. – Christensen no. 3b, see below.

11.357. *Den kjøbenhavnske Flora*, eller Fortegnelse over Planterne med tydelige Befrugtningsdele, som voxe vildt omkring Kjøbenhavn ... oversat af det Latinske og forøget med de danske Trivielnavne, samt et Register af F.C. Kielsen, ... Kjøbenhavn (Trykt paa Hofboghandler J.H. Schubothes Forlag, hos M.J. Sebbelow) 1804. Oct. (*Kjøbenh. Fl.*).
Publ.: Jul-Dec 1804 (p. iv: 2 Jul 1804), p. [i-iv], [1]-380. *Copies*: B-S, H, HH. – A Danish translation of *Enum. pl.* 1801-1803, see above. – Christensen no. 3b.

11.358. *Catalogus herbarii J. Ryani* M.D. ... [p. 38: Havniae (typis E.M. Cohen) 1809].

Authorship: Anonymous but most likely by C.F. Schumacher, who obtained Ryan's herbarium as a gift, fide A. Hansen. John Ryan (*fl.* 1770-1800) collected plants in Santa Cruz, Montserrat and Trinidad. Correspondent of M. Vahl. – Other material at BM.
Publ.: 1809, p. [1]-38. *Copy*: C.

11.359. *Medicinsk Plantelære* for studerende Læger og Pharmaceutiker ... Kjöbenhavn (paa Udgiverens Forlag trykt hos Directeur Jens Hostrup Schulz, ...) 1825-1826, 2 vols. (*Med. plantel.*).
1: Sep-Dec 1825 (p. viii: 1 Sep 1825), p. [i]-viii, [1]-662.
2: Sep-Dec 1826 (p. iv: 12 Sep 1826), p. [i]-iv, [1]-736, [737-800 indexes].
Copies: B-S, NY. – Christensen no. 6.

11.360. *Beskrivelse af Guineeiske planter* som ere fundne af dankse Botanikere, især af Etatsraad Thonning ved F.C. Schumacher, ... Saerskilt aftrykt af det kongelige danske Videnskabers Selskabs Skrifter. Kjöbenhavn (trykt i Hartv. Frid. Popps Bogtrykkerie) 1827. Qu. (*Beskr. Guin. pl.*).
Collector (and author of some of the new taxa, see below): Peter Thonning (1775-1848).
Publ.: 1827 (t.p.), p. [1]-466. *Copies*: C, G, NY; IDC 5279. – Preprinted from Danske Vid. Selsk. Skr. 3: 21-248. 1828 and 4: 1-236. 1829. The t.p., dated 1827, came with the preprint of the first part; it is therefore not quite certain that the second part was also preprinted; this part (p. 227-466) may have come out in 1829. The reviews of the preprint as a whole date from 1829 or later. However, in the absence of evidence to the contrary, the title page date of the preprint, 1827, must be accepted.
Note: G. Brizicky, in a letter dated 18 Mar 1968, informed us that of the total of 345 new species described in this work about 245 were supplied with Latin descriptions made by Thonning and only about 100 with such descriptions made by Schumacher. However, Schumacher wrote the great majority of the Latin diagnoses of the new species except for those (about 45 species and 5 genera) marked Th. There are 18 new genera, the names of five of which are initialled "S." Ten names have no initial and must be ascribed to Schumacher; five genera have "Th." after the name and the diagnosis or after the diagnosis alone and must be attributed to Thonning.

Specific names followed by diagnoses and descriptions signed "S." must be ascribed to Schumacher, those followed by Th. to Thonning; many names are followed by a diagnosis signed "S." and a description signed "Th." It seems reasonable to attribute these to Schumacher in accordance with the botanical custom of the time although joint authorship can also be defended. Unsigned names or diagnoses should be attributed to Schumacher. The title-page gives Schumacher as the author; Thonning's name appears only as collector.
Ref.: Ascherson, P., Z. Ethnologie 11: 231-258. 1879 (German version of Bot. ethnol. notes by Thonning in the *Beskr. Guin. pl*).
Junghans, J., Bot. Tidsskr. 57: 310-355. 1961, 58: 82-122. 1962 (enumeration of Thonning's and Isert's collections from Danish Guinea (Ghana), with many refs. to Schumacher's work).
Marshall, H.S., Kew Bulletin 1953: 280.

Schumann, Julius [Heinrich Karl] (1810-1868), German (Prussian) diatomologist, geologist and high school teacher; studied mathematics at the University of Königsberg i.Pr., teacher's examination 1840; teacher at the Realschule, Elbing 1841-1844; id. at the Altstädtisches Gymnasium 1840-1841, 1844-1868. (*J. Schum.*).

HERBARIUM and TYPES: Some material at DBN and PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 247; BM 4: 1873; CSP 5: 578, 8: 898; De Toni 1: cxiv, 2: cvi; Herder p. 254; Jackson p. 269; PR 8513.

BIOFILE: Caspary, R., Festschr. 50-j. Besteh. Preuss. bot. Ver. 271 (biogr. sketch, bibl.).
Fryxell, G.A., Beih. Nova Hedw. 35: 363. 1975 (coll. PH).
Nelson, E.C., Glasra 4: 63. 1980 (plants at DBN).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 870. 1863.
Szymkiewicz, D., Bibl. Fl. Polsk. 42. 1925.

VanLandingham, S.L., Cat. diat. 4: 2669. 1971, 6: 3589, 7: 4227. 1978.

11.361. *Die Diatomeen der Hohen Tatra* ... Wien (Im Inlande besorgt durch W. Braumüller, ...) 1867. Qu.
Publ.: 1867 (mss. submitted 3 Jul 1867; KNAW rd Mar 1868), p. [1]-102, [1-2], *pl. 1-4* (uncol. liths., auct.). *Copies*: BR, FI, G, M, NY, PH; IDC 8774. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 17: 1-102, *pl. 1-4*. 1867.
Note: For his *Preussische Diatomeen* see Schr. phys.-ökon. Ges. Königsberg 3: 166-192, *pl. 8-9*. 1862 (1863), 5: 13-23, *2 pl.* 1864, 8: 37-68, *pl. 1-3*. 1867, 10: 83-88, *pl. 2*. 1869.

11.362. *Geologische Wanderungen durch Altpreussen.* Gesammelte Aufsätze von Julius Schumann. Nach des Verfassers Tode herausgegeben und mit einer Lebensskizze eingeleitet von seinen Freunden. Königsberg (Hübner & Matz) 1868. Oct. (*Geol. Wanderungen*).
Publ.: 1869, p. [i]-lx, [1]-288. *Copies*: LC, NSUB. – Bibliography on p. iii-iv; biography (anonymous, "by his friends") on p. vii-lx.

Schumann, Karl Moritz (1851-1904), German (Silesian) botanist; Dr. phil. Breslau 1873; assistant with H.R. Göppert at the Botanical Institute, Breslau 1872-1876; state teacher's examination 1875; high school teacher at Breslau 1876-1884; curator at the Botanical Museum, Berlin 1884-1904; professor's title 1892; habil. Univ. Berlin 1893; one of the most productive phanerogam taxonomists of the Engler era with an emphasis on morphological and flower-biological methodologies. (*K. Schum.*).

HERBARIUM and TYPES: B (museum material). – Schumann collected only occasionally; the number of his types, however, was considerable. Most of them are no longer extant. Some herbarium material from Silesia and Bavaria is at L. The Lauterbach herbarium, containing types from Schumann & Lauterbach, *Fl. deut. Schutzgeb. Südsee* is at WRSL. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 207; Backer 521; Barnhart 3: 247 (b. 17 Jun 1851, d. 22 Mar 1904); BFM 2384a; Biol.-Dokum. 16: 8431-8432; BJI 1: 51-53, 2: 160-161; BL 1: 116, 121, 317; BM 1: 288, 4: 1873; Bossert p. 356; CSP 11: 357, 18: 616-619 (bibl.); De Toni 2: cvi, 4: lii-liii; GR p. 136; Herder p. 417; Hortus 3: 1203; IF p. 729; Jackson p. 80; Langman p. 687-688; LS 5427, 7715, 24440-24447; Moebius p. 156, 434; Morren ed. 2, p. 6, ed. 10, p. 10; MW p. 441; NI 1818; Quenstedt p. 389-390; Rehder 5: 784; RS p. 141; SK 1: 313-314, cxxv, 4: cxxviii, cli; TL-1/1208-1208a; TL-2/1592, 1635-1636, 1643, 1709, 1713, 4329, see indexes; Tucker 1: 639, 2: xxxiv, 3: 274; Urban-Berl. p. 290, 395; Zander ed. 10, p. 714, ed. 11, p. 815; Zep-Tim p. 103-104.

BIOFILE: Anon., Ber. deut. bot. Ges. 21: (182). 1904 (d.); Biogr. Jahrb. 10: 106*. 1907; Bot. Centralbl. 18: 384. 1884 (app. second custos Berlin), 54: 288. 1893 (habil.), 51: 191. 1892 (prof. title), 95: 352. 1904 (d.); Bot. Jahrb. 34 (Beibl. 76): 40. 1904 (d.); Bot. Zeit. 42: 399. 1884 (app. Berlin), 50: 453. 1892 (prof. title), 62: 128. 1904 (d.); Hedwigia 43: (82). 1904 (d.); J. Bot. 42: 128. 1904 (d.); Nat. Nov. 14: 320. 1892 (app. Berlin), 15: 197. 1893 (habil. Berlin), 26: 275. 1904 (d.); Verh. bot. Ver. Brandenburg 46: lxxv. 1905.
Asen, J., Gesamtverz. Lehrkörp. Univ. Berlin 1: 182. 1955.
Hirscht, K., Monatschr. Kakteenk. 12(11): 181-182. 1902 (tribute, portr.), 14(4): 51-54. 1904 (obit., portr.; on p. 54 a "Nachruf" by the publ. house J. Neumann).
Hunt, D.R., Cact. Succ. J. Gr. Britain 33(3): 53-72. 1971 (Schumann and Buxbaum reconciled. The Schumann system of Mammillaria classification brought provisionally up-to-date).
Koehne, E., Ber. deut. bot. Ges. 22: (52)-(59). 1904 (main bibl.).
Lauterbach, K., *in* K.M. Schumann & K. Lauterbach, Nachtr. Fl. deut. Schützgeb. 7-12. 1905 (obit., bibl., portr.).
Leuenberger, B.E., Willdenowia 8: 625-635. 1979 (types of Cactae preserved in Bot. Mus., Berlin-Dahlem; material in alcohol); Kakteen u. andere Sukkulenten 31(5): 129-130. 1980 (portr.).
Schumann, E., Death notice of K.M. Schumann by family; d. 22 Mar 1904.

Urban, I., Fl. bras. 1(1): 200-202. 1906 (biogr. sketch, bibl., biogr. refs., contr. Fl. bras.).
Volkens, G., Ber. deut. bot. Ges. 22:(49)-(52). 1904 (obit., portr.); Bot. Gaz. 38: 143-145. 1904 (transl. by J. Perkins); Verh. bot. Ver. Brandenburg 46: lix-lxii. 1905 (obit., portr.).
White, A. & B.L. Sloane, The Stapelieae 31, 48, 50, 151, 178. 1933, ed. 2: 120, 189, 722, 821, 984, 986, 990. 1937.
Wittrock, V.B., Acta Horti Berg. 3(2): 142-143. 1903, 3(3): 152. 1905.

COMPOSITE WORKS: (1) *Cactaceae*, *in* E. Warming, *Symb.* 38: 48. 1891, publ. 3 Mai 1892 (with E. Warming), *Malvaceae*, *in* id. 40: 120-123. 2 Mai 1894 (with M. Gürke), *Bombaceae*, *in* id. 33: 356-357. 8 Mai 1890, *Sterculiaceae* in id., 33: 352-354. 8 Mai 1890.
(2)C.F.P. v. Martius, *Fl. bras.*:
Sterculiaceae, 12(3): 1-114, *pl. 1-24* (fasc. 96). 1 Mar 1886.
Tiliaceae, *Bombaceae*, 12(3): 117-250, *pl. 25-50* (fasc. 98). 1 Nov 1886.
Rubiaceae iia, 6(6): 1-124, *pl. 68-93* (fasc. 101). 15 Feb 1888.
Rubiaceae iib, 6(6): 125-442, *pl. 94-151* (fasc. 104). 15 Jun 1889.
Cactaceae, 4(2): 185-322, *pl. 39-63* (fasc. 108). 1 Sep 1890.
Malvaceae i, 12(3): 251-456, *pl. 51-80* (fasc. 109). 15 Jul 1891.
Malvacearum geogr. usus, 12(3): 587-598 (fasc. 111). 15 Apr 1891.
Triuridaceae, *Liliaeaceae*, *Potamogetonaceae*, *Zannichelliaceae*, *Najadaceae*, *Ceratophyllaceae*, *Batidaceae*, *Goodenoughiaceae*, *Cornaceae* 3(3): 643-784, *pl. 116-128* (fasc. 116). 15 Apr 1894.
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(3) EP, *Nat. Pflanzenfam.*:
Elaeocarpaceae, 3(6): 1-8. Sep 1890, *Nachtr.* 2-4: 230. Oct 1897.
Tiliaceae, 3(6): 8-30. Sep 1890, *Nachtr.* 2-4: 232-233. Oct 1897.
Malvaceae, 3(6): 30-53. Sep 1890, *Nachtr.* 2-4: 235-240. Oct 1897.
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Sterculiaceae, 3(6): 69-96. Sep 1890, 97-99. Mar 1893, *Nachtr.* 2-4: 240-242. Oct 1897.
Chlaenaceae, 3(6): 168-175. Mai 1893.
Cactaceae, 3(6a): 156-205. 18 Apr 1894, *Nachtr.* 2-4: 258-260. Oct 1897.
Apocynaceae, 4(2): 109-144. Jun 1895, 145-189. Jul 1895, *Nachtr.* 2-4: 283-285. Oct 1897.
Asclepediceae, 4(2): 189-306. Oct 1895, *Nachtr.* 2-4: 285-288. Oct 1897.
Bignoniaceae, *4(3b): 189-192. 7 Aug 1894, 193-240. 21 Sep 1894, 241-252. 12 Mar 1895*; *Nachtr.* 2-4: 301-304. Nov 1897.
Rubiaceae, 4(4): 1-96. Jul 1896, 97-144. Aug 1891, 145-156. Nov 1891, *Nachtr.* 2-4: 309-316. Nov 1897.
Zingiberaceae, *Nachtr.* 2-4: 90-93. Jul 1897.
Marantaceae, *Nachtr.* 2-4: 94-96. Jul 1897.
(4) Engler, A. *Pflanzenreich* (also in facs. ed. Lehre 1958):
Musaceae, 4(45), (fasc. 1): i-vii, 1-45. 14 Oct 1900.
Marantaceae, 4(48), (fasc. 11): 1-184. 8 Jul 1902.
Zingiberaceae, 4(46), (fasc. 20): 1-458. 4 Oct 1904.
(5) Editor, C.G. Ehrenberg, *Symb. phys.*, *Bot.* 1900, see TL-2/1643, *publ.* Jan-Jun 1900 (Bot. Centralbl. 4 Jul 1900; note by K.M. Schumann Bot. Centralbl. 83: 358-359. 5 Sep 1900).
(6) With K. Lauterbach, *Fl. Schutzgeb. Südsee*, 1900, see TL-2/4239. See also the notes in TL-1/1208. Further *copies* seen: B-S, BR, HH, M, NSW, PH, U. – Further confirmation of date of *publ.* (Nov 1900): Bot. Centralbl. 27 Dec 1905; Hedwigia 28 Dec 1900; Bot. Zeit. 1 Jan 1901; J. Britten, J. Bot. 38: 501. Dec 1900 (BM rd 17 Nov 1900). *Reviews*: H. Harms, Bot. Centralbl. 86: 66-69. 3 Apr 1901; G. Lindau, Hedwiga 39: (199)-(299). 28 Dec 1900. – *Nachträge*: early Nov 1905; mentioned by Bot. Zeit. and ÖbZ on 1 Dec 1905.
(7) Identifications: of *Amaryllidaceae*, *Zingiberaceae*, *Artocarpaceae*, *Olacaceae*, *Hippocrateaceae*, *Begoniaceae*, *Apocynaceae*, *Acanthaceae*, *Rubiaceae in* Joh. Braun, *Botanischer Bericht über die Flora von Kamerun*, Mitt. a.d. deut. Schutzgeb. 2: 145-146, 151-154, 162, 165-166, 167-169, 172, 173-174, 174-175. 1889. – Reprint p. [1]-9, *copy*: G.
(8) Editor Th. Rümpler, *Die Sukkulenten*, Berlin 1892, see TL-2/9765.

(9) Editor (and author of numerous contributions): *Monatschr. Kakteenk.* 2-13, 1892-1903 and 14(1). 1904.
(10) O.C. Berg & C.F. Schmidt, with A. Meyer editor of ed. 2, *Atlas der officinellen Pflanzen* 1896-1902 [3: 1-102, *pl. 95-132*, 4: 1-80, *pl. 133-162*].
(11) Just's *Botanischer Jahresbericht* 26-29, 30 (1-2 Abt., Het 1-2), 31 (Abt. 1, Heft 1) 1904.
(12) *Scitaminaceae, Rubiaceae, in* Joh. Schmidt, *Fl. Koh Chang*, Bot. Tidsskr. 24: 268-271, 329-341. 1902.
(13) *Potamogeton, Cyperaceae, Commelinaceae, Zingiberaceae, Marantaceae, Tiliaceae, Sterculiaceae, Apocynaceae, Asclepiadaceae, Bignoniaceae, Rubiaceae, in* H. Baum, Kunene-Sambesi-Expedition 171, 177-180, 182-185, 202, 295-299, 301-302, 336-345, 370, 381-394. 1903.
(14) Contributions to A. Engler, *Pflanzenw. Ostafr.*:
B: *Die Gräser Ostafrikas* und ihre Verwertung, p. 31-87. 1895. *Die Kautschukpflanzen Ostafrikas und ihre Verwertung*, p. 433-463. 1895.
C: *Gramineae, Cyperaceae, Commelinaceae, Musaceae, Zingiberaceae, Cannaceae, Marantaceae, Ceratophyllaceae, Tiliaceae, Bombacaceae, Sterculiaceae, Cactaceae, Apocynaceae, Asclepediaceae, Bignoniaceae, Capsifoliaceae, Rubiaceae*, p. 95-130, 134-137, 148-150, 178, 261-265, 268-272, 282, 314-328, 363-364, 374-395. 1895.
(15) For Schumann's contribution in composite works published in journals see E. Koehne's bibliography of 1904.

OBITUARIES: Schumann published obituaries or biographies of:
(1) *Marco Polo*, ein Weltreisender des xiii. Jahrhunderts, Samml. gem.-verst. wiss. Vortr. Ser. 20, Heft 460, 1885, 32 p.
(2) *Eichler, August Wilhelm*, Ber. deut. bot. Ges. 5: xxxiii-xxxvii. 1887, Vossische Zeit. 1887 (159).
(3) *Schmidt, Carl Friedrich*, Bot. Zeit. 50: 289-291. 1892.
(4) *Candolle, Alphonse de*, Naturw. Rundschau 8: 257-259. 1893.
(5) *Pringsheim, Nathaniel*, Verh. bot. Ver. Brandenb. 36: xl-xlviii. 1894 (1895).
(6) *Cohn, Ferdinand*, Naturw. Rundschau 13: 473-475. 1898, Verh. bot. Ver. Brandenburg 40: cx-cxvi. 1898 (1899).
(7) *Müller, Johann Friedrich Theodor*, Verh. bot. Ver. Brandenburg 39: lxvii-lxix. 1897 (1898).
(8) *Krug, Leopold*, Verh. bot. Ver. Brandenburg 40: cvi-cix. 1898 (1899).
(9) *Suringar, Willem Frederik Reinier*, Verh. bot. Ver. Brandenburg 40: cxvii-cxviii. 1898 (1899).

NOTE: G. Volkens, in his obituary of Schumann in Ber. deut. bot. Ges. (1904), poses the question how Schumann's great productivity can be explained. He had many administrative-technical responsibilities as curator of the Berlin Botanical Museum in its old location, overfilled at a time of a rapidly increasing stream of material from all corners of the world. A really convincing and comprehensive answer is not possible. Schumann's creative urge and scientific inquisitiveness never relaxed and the solution can also be found in "seiner gewissenhaften Innehaltung eines täglichen Arbeitspensums" in many ways comparable with his only seven years older colleague and director Adolf Engler; Volkens: "The solution is to be found in his creative impulse, ... and in his conscientious desire to crowd into his daily task the full force of his intellectual activities".

THESIS: Dickenwachstum und Cambium. Historisch-experimentelle Untersuchungen. Inaugural-Dissertation Görlitz 1873. Oct., 41 p. (Bot. Zeit. 31: 672. 17 Oct 1873).

EPONYMY: *Neoschumannia* Schlechter (1905); *Schumannia* O. Kuntze (1887); *Schumannianthus* Gagnepain (1904); *Schumanniophyton* Harms (1897).

11.363. *Beiträge zur vergleichenden Blüthenmorphologie* ... Berlin (Druck von G. Bernstein) 1887. Oct.
Publ.: 1887 (Nat. Nov. Sep(1) 1887; Bot. Zeit. 4 Nov 1887), p. [i], [133]-193. *pl. 4-5* (uncol. lith. auct.). *Copy*: G. – Reprinted and to be cited from Jahrb. wiss. Bot. 18(2): [133]-193. *pl. 4-5*. 1887.

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Collaborators: Odoardo Beccari (1843-1920), Palmae; Célestin Alfred Cogniaux (1841-1916), Melastomataceae, Cucurbitaceae; Mordecai Cubitt Cooke (1825-1914), Fungi; Heinrich Gustav Adolf Engler (1844-1930), Araceae; Adalbert Geheeb (1842-1909), mosses; Albert Grunow (1826-1914), algae; Paul Christoph Hennings (1841-1908), fungi; Friedrich Wilhelm Ludwig Kraenzlin (1847-1934), Friedrich Adalbert Maximilian Kuhn (1842-1894), ferns; Ludwig Adolph Thimotheus Radlkofer (1829-1927), Sapindaceae; Hermann Maximilian Carl Ludwig Friedrich Solms-Laubach (1842-1915), Pandanaceae.
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Lieferung	pages	dates (on covers 2-13)
1	[1]-64	Feb 1897
2	65-128	15 Mai 1897
3	129-192	1 Aug 1897
4	193-256	20 Oct 1897
5	257-320	1 Jan 1898
6	321-384	25 Feb 1898
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8	449-512	20 Jun 1898
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[1]	1	*1-4*	16 Oct 1900	[2]	24	*93-96*	10 Aug 1907
	2	*5-8*	25 Nov 1900		25	*97-100*	1 Dec 1907
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Schummel, [Theodor] Emil (1785-1848), German (Silesian) botanist, entomologist and high school teacher at the medical college, Breslau. (*Schummel*).

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Schur, [Philipp Johann] Ferdinand (1799-1878), German (Prussian) botanist; studied at Königsberg and Berlin; state examination pharmacy Berlin; Dr. phil. ib.; director of a chemical factory at Liesing (Wien); subsequently in similar factories in Austria, Hungary and Slowakia; in charge of a sulfuric acid factory in Hermannstadt 1845; devoting himself especially to botany; high school teacher at Kronstadt (Brasov) 1853-1854; director and owner of a girl's school (1854-1864) and private scientist in Wien 1854-1870; from 1870 in Brünn (Brno), ultimately in Bielitz (Silesia). (*Schur*).

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Publ.: 1853 (in parts, see below), p. [i], [1]-94. *Copies*: U. – Published in parts as an independently paged supplement to the 12 issues of volume 4 of the Verhandlungen und Mittheilungen des siebenbürgischen Vereins für Naturwissenschaften zu Hermannstadt, 1853 as follows:

Part	pages	date	part	pages	date
1	1-8	Jan 1853	7	65-72	Jul 1853
2	9-16	Feb 1853	8	73-80	Aug 1853
3	17-24	Mar 1853	9	81-88	Sep 1853
4	25-40	Apr 1853	10	89-92	Oct 1853
5	41-56	Mai 1853	11	93-100	Nov 1853
6	57-64	Jun 1853	12	101-108	Dec 1853

Comments and descriptions by Schur in Verh. Mitt. siebenb. Ver. naturw. Hermannstadt 2: 167-171, 176-177. 1851, 3: 84-96, 117-121. 1852, 4: 3-16, 24-32, 46-52, 57-68, 105-106, 1853, 5: 78-83. 1854.

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Publ.: 1877, p. [1]-200. *Copies*: FI, LC. – Issued as Verh. naturf. Ver. Brünn 15(2): 1-200. 1877.
Continuation: Ib. 33: 160-251. 1895, 36 (Abh.): 152-271. 1898, 41 (Abh.): 183-260. 1903, 42 (Abh.): 202-253. 1904.

Schussnig, Bruno (1892-?), Austrian botanist; Dr. phil. Graz 1917; assistant at the Triest botanical Station 1914-1919,but stationed as assistant at the botanical institute of the University of Vienna 1915-1916; id. at the Maltepe biological station, Constantinople 1918; with the Josephinian Academy at Wien 1918-1920; from 1920 regular assistant with the botanical institute Vienna; habil. ib. 1923; later extraordinary professor of botany ib.; ultimately at the "Laboratorium für Protophytenkunde". Jena. (*Schussnig*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 247 (b. 8 Jan 1892); Biol.-Dokum. 16: 8440-8441; Bossert p. 356; GR p. 459-460; Hirsch p. 268; Roon p. 101.

BIOFILE: Anon., Österr. bot. Z. 65: 240. 1915 (temp. asst. Wien), 69: 272. 1920 (asst. Wien).
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Publ.: 1915 (mss. submitted 17 Jun 1915; Nat. Nov. Jul 1916), cover-t.p., p. [1]-21. *pl. 1-4*. *Copy*: U. – Reprinted and to be cited from S.B. k. Akad. Wiss. Wien, Math.-nat. kl. Abt. I, 124(6/7): 425-445, *pl. 1-4*. 1915.

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Publ.: 1915 (mss. submitted 17 Jun 1915; Nat. Nov. Jan 1916), cover-t.p., p. [1]-30. *Copy*: U. – Reprinted and to be cited from S.B. k. Akad. Wiss. Wien, Math.-nat. Kl. Abt. 1, 124(5): 377-406. 1915.

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Publ.: 1938 (p. vi: 5 Mai 1938; Nat. Nov. Apr 1939), [i]-viii, [1]-382. *Copies*: B-S, BR, NY, U, USDA.
[*Ed. 2*]: *Handbuch der Protophytenkunde* eine vergleichend-morphologische und biologische Darstellung der niederen Pflanzen für Biologen, Mediziner und Landwirte ... Band I .. Verlag von Gustav Fischer in Jena 1953, p. [i]-vi, [vii], 1]-636; Band II ... 1960, p. [i]-x, [1]-1144, err. slip. *Copies*: B, BR, USDA.
Ref.: Diels, L., Bot. Jahrb. 70 (Lit.): 37-38. 1939 (rev.).
Janchen, E., Österr. bot. Z. 87(4): 320-321. 1938 (rev.).

Schuster, C. (1860-1935), German (East-Prussian) botanical bibliographer; educated at Tilsit Gymnasium; with the pomological institute of Proskau 1878-1880; with a tree-nursery at Trier 1880-1882; from 1882 with a commercial horticultural establishment in Strassburg and various private and public parks in Militsch, Kiel and Potsdam; from ca. 1886 with the Berlin Botanical Garden, bookkeeper for the development of the new garden at Dahlem; from 1907-1926 librarian in Engler's new Botanical Museum. (*C. Schust.*).

HERBARIUM and TYPES: Schuster in not known to have made a herbarium.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 247 (b. 24 Feb 1860, d. 24 Mar 1935); Biol.-Dokum. 16: 8442; BJI 2: 16; Bossert p. 356; MW p. 441; TL-2/200; Tucker 3: 275.

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Publ.: Jul 1926 (t.p.), p. [i-vi], 1-12, p. 1-2, 1-2. *Copies*: B-S, G, MO. – Intended to continue G.A. Pritzel's *Iconum botanicarum index locupletissimus* which went up to 1865. Schuster could not master this task alone and had to abandon it. For the ultimate successor to Pritzel's index see O. Stapf, *Index Londinensis*, 1929-1931. Schuster's index was to be the publication of an extensive card-index in the library of Berlin-Dahlem.
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Publ.: 15 Nov 1931-31 Dec 1943, in 9 parts, p. [i-iii], [1]-611. *Copies*: BR, G, PH, U. –

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1: 1-80. 15 Nov 1931.
2: 81-160. 10 Jun 1932.
3: 161-240. 10 Aug 1933.
4: 241-320. 1 Mar 1934.
5: 321-400. 1 Aug 1934.
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11.406. *II. Generalregister für die Botanischen Jahrbücher* für Systematik, Pflanzengeschichte und Pflanzengeographie Autoren-, Sach-, Orts- und Namens-Verzeichnis für die Bände xxxi-lxvi (1901-1934). Im Auftrag von Schriftleitung und Verlag bearbeitet von ... Stuttgart (E. Schweizerbart'sche Verlagsbuchhandlung (Erwin Nägele)) 1938. Oct. (*II. Gen.-Reg. Bot. Jahrb.*).
Co-author: W. Schweitz.
Publ.: 1938, p. [i]-iv, [1]-452 *Copy*: U. – Cited as "BJI 2" in TL-2. – The index to vols. 1-30 was prepared by L. Diels and J. Mildbraed, "*Generalregister* ..." Leipzig (Verlag von Wilhelm Engelmann) 1904, p. [i, iii], [1]-173. Cited by us as "BJI 1".

Schuster, Johann Constantin [Christian] (1777-1839), Hungarian botanist; Dr. med. Pesth (Budapest) 1802; "Repetitor" (coach) for pharmacy at Univ. Pesth 1806-1808; high school teacher at Klausenburg (Cluj) 1808; from 1809-1811 professor of general natural history at Pesth, ordinary professor id. 1811-1817; dean of the medical faculty 1811-1813, from 1817 ordinary professor of botany, continuing in various other university functions until 1839. (*J.C. Schust.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kanitz p. 65-66 (no. 99); PR 8516, ed. 1: 9467; Rehder 1: 70; WU 32: 247-248.

BIOFILE: Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 257. 1938 (dir. bot. gard. Budapest 1816-1817).
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Ed. 1: 1808, 118 p. n.v.
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Schuster, Julius (1886-1949), German (Bavarian) botanist, morphologist, palaeontologist and historian of biology; Dr. phil. München 1909; habil. ib. 1911; scientific assistant Bot. Mus. Berlin-Dahlem 1912-1920; in charge of the archival collection for the history of sciences, Darmstadt 1920-1928; with the geol.-palaeont. Museum Berlin 1928; habil. Berlin 1932; lecturer and extra-ordinary professor history of biology, Univ. Berlin and employed at the Institute for the history of science and medicine 1932-1945; relieved from his functions 1945; collaborator Volk und Wissen 1945. (*J. Schust.*).

HERBARIUM and TYPES: Unknown. Some material at E and in Migula *Crypt. Germ. Austr. Helv. exsicc.* – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 329; Barnhart 3: 247; Biol.-Dokum. 16: 8443; BJI 2: 161; BM 4: 1874; Futak-Domin p. 535; Hortus 3: 1203; KR p. 631; Langman p. 688; LS 39076-39079; Moebius p. 40, 41; MW p. 441; NI see indexes; Quenstedt p. 390; SO 3092, 3101; TL-2/1713; Zander ed. 10, p. 715, ed. 11, p. 815.

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EPONYMY: *Schusterella* S. Hattori, A.J. Sharp et M. Mizutani (1972) and *Schusteria* Kachroo (1957) both honor R.M. Schuster, American hepaticologist.

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Publ.: 1 Jul 1907, p. [1]-14. *Copies*: G, M. – Reprinted and to be cited from Mitt. bayer. bot. Ges. 2(4): 50-63. 1907. – Other *Polygonaceen-Studien* in Bull. Herb. Boiss. ser. 2. 8: 704-713. 30 Sep 1908.
Ref.: Murr, J., Allg. bot. Z. 13: 157. 15 Sep 1907 (rev.).

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Publ.: 1908, cover-t.p., p. [1]-16, [17], *2 pl. Copy*: M. – Reprinted and to be cited from Geogn. Jahresh. 20: [1]-16, [17], *2 pl.* 1908.

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Schuurmans Stekhoven, Herman (?-1855), Dutch botanist; curator of the Leiden botanical garden. (*Schuurm. Stekh.*).

HERBARIUM and TYPES: Unknown.

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EPONYMY: *Schuurmansia* Blume (1850); *Schuurmansiella* Hallier (1913) *Stekhovia* de Vriese (1854).

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1 (*Phanerogamae*): Dec 1815-Jan 1816 (p. vi: 24 Nov 1815; Ned. Staats Cour. rd 12-17

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11.420. *Kruidkundig kunst-woordenboek*, bevattende meest allen thans in gebruik zijnde botanische kunsttermen. Uit verscheiden schrijvers bijeen verzameld, met verklaringen opgehelderd, en in eene alphabetische orde te zamen gesteld ... te Leyden (by H.W. Hazenberg, ...) 1825. Oct. (*Kruidk. kunstw.-boek*).
Publ.: Oct 1825 (p. viii: 15 Oct 1825; Ned. Staats Cour. rd 24-29 Oct 1825), p. [i-viii], [1]-198. *Copies*: NY, U.

Schwabe, Samuel Heinrich (1789-1875), German (Anhalt-Dessau) astronomer and botanist; trained as pharmacist; practicing pharmacist at Dessau 1812-1829; from then on active as botanical and astronomical "Privatgelehrter". (*Schwabe*).

HERBARIUM and TYPES: W. – Bryoph. in BM-Hampe. – *Letters* to D.F.L. von Schlechtendal in HAL.

BIBLIOGRAPHY and BIOGRAPHY: ADB 33: 159-161; AG 2(1): 166; Barnhart 3: 248 (b. 25 Oct 1799, d. 11 Apr 1875); BM 4: 1874; CSP 5: 582-585, 8: 901; DSB 12: 239-240 (M. Farrell); Frank 3 (Anh.): 94; GR p. 136 (b. 25 Oct 1789, *not* 1799); Herder p. 189; LS 24461-24465; PR 8521, ed. 1: 9471; Rehder 1: 379; Stevenson p. 1257; TL-2/see F.E.L. Fischer; Tucker 1: 639.

BIOFILE: Anon., Encycl. brit. ed. 11. 24: 387-388. 1911.
Arendt, T., Schwabe, Leben und Wirken, Dessau 1925 (n.v.).

BIOFILE: Ascherson, P.F.A., Fl. Prov. Brandenburg 1: 14. 1864.
Hein, W.H. & H.D. Schwarz, Deut. Apoth. Biogr. 2: 613-614. 1978 (biogr. sketch).
Humboldt, A. v., Kosmos 3: 379-405. 1850, 4: 81-85. 1858.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 871. 1863, 3: 1223. 1898, 6: 2391. 1940.
Turner, H.H., Astronomical discovery 155-176. 1904.
Wolf, R., Viertelj.-Schr. naturf. Ges. Zürich 21: 129-145. 1876 (obit., astronomical work).

EPONYMY: *Schwabea* Endlicher et Fenzl (1839).

11.421. *Flora anhaltina* ... Berolini [Berlin] (Apud Ge. Reimerum) 1838-1839. Oct. (*Fl. anhalt.*).
Publ.: 1838-1839, 2 vols. *Copies*: B, B-S, G, HH, M, NY.
1: 1838 (p. viii: Jan 1838; Flora 28 Aug 1838; Hinrichs 3-9 Jun 1838), p. [i-viii], [1]-431, [432, colo.].
2: 1839, p. [1]-425, [426], *pl. 1-7* (uncol.).
German ed.: 1865 (Bot. Zeit. 7 Jul 1865; Flora 29 Mar 1865), p. [i]-xi, [1]-419. (n.v.).
Ref.: mp., Flora 22, Lit. Ber. 9: 112. 14 Jul 1839, 113-126. 14 Aug 1839, 132-143. 21 Oct 1839.
Schlechtendal, D.F.L. von, Bot. Zeit. 23: 217-218. 7 Jul 1865.

Schwacke, [Carl August] Wilhelm (1848-1904), German (Hannover) botanist; studied botany at Göttingen and Bonn; on active service in the Franco-Prussian war; emigrated to Brazil 1872; "naturalista viajante" travelling scientist for the Rio de Janeiro National Museum 1874-1891; professor of botany at and later director of the School of Pharmacy in Ouro Preto 1891-1904; German vice-consul for Minas Geraes. (*Schwacke*).

HERBARIUM and TYPES: RB (14.000) and R; other material in B (mainly destr.), BHMG, BR, C, DPU, EM, G, GOET, H (bryo.), IAC, NY, P, RB, SP, U, US, and W. – Schwacke made several of his collections available to Glaziou who sometimes labelled

them as having been collected by himself. Several Glaziou collections labelled to come from the neighbourhood of Rio de Janeiro are actually Schwacke collections from Amazonas.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 248 (b. 29 Jul 1848, d. 11 Dec 1904); Biol.-Dokum. 16: 8464; Bossert p. 357; Herder p. 226; IH 1 (ed. 7): 342; Morren ed. 10, p. 151; Rehder 5: 785; Tucker 1: 639; Urban-Berl. p. 268, 290, 395.

BIOFILE: Anon., Ber. deut. bot. Ges. 22: (131). 1904 (d. 12 Dec 1904); Bot. Jahrb. 14, Beibl. 31: 17. 1891 (app. Ouro Preto), 37: Beibl. 84: 3. 1906 (d.); Nat. Nov. 27: 507. 1905 (d.); Österr. bot. Z. 55: 331. 1905 (d.).
Loesener, Th., Ber. deut. bot. Ges. 23: (12)-(15). 1905 (obit., bibl., d. 11 Dec 1904).
Prance, G., Acta amaz. 1(1): 58. 1971 (coll.).
Sampaio, A.J., Arch. Mus. nac. Rio de Janeiro 41, 45, 47. 1919 (naturalista viajante 17 Mar 1874-17 Apr 1891).
Schwacke, W., Bot. Jahrb. 12 (Beibl. 28): 4-10. 1890 (report on an excursion to the Serra de Caparao, Minas Geraes, Brazil).
Stafleu, F.A., Rec. trav. bot. néerl. 41: 533. 1948 (S. specimens at RB and U); Acta bot. néerl. 2(2): 214. 1953 (id.).
Stieber, M.T., Huntia 3(2): 125. 1979 (mentioned in notes A. Chase).
Urban, I., Fl. bras. 1(1): 104-105. 1906 (biogr. sketch, itin.).
Wagenitz, G., Index coll. princ. herb. Gott. 153. 1982.

NOTE: (1) *Piperaceae et Meliaceae brasilienses* a cl. W. Schwacke lectae, auctore C. de Candolle, Bull. Herb. Boiss. ser. 2. 1(4): 353-366 [1-14]. 31 Mar 1901.
(2) *Polygalaceae schwackianae* sive Polygalacearum a cl. Schwacke in Brasilia lectarum auct. R. Chodat, Bull. Herb. Boiss. ser. 2. 4: 910-913 [1-4]. 31 Aug 1904.

EPONYMY: *Schwackaea* Cogniaux (1891).

11.422. *Additiones ad floram brasilianam* fasc. i. Celastrineae. Myristicaceae. Auctore Guil. Schwacke. Rio de Janeiro (apud Moreira Maximino et c.ia ...) 1886. †. (*Add. fl. bras.*).
Publ.: 1886, p. 1, 3, *pl. 1-2* (uncol. liths. Villas-Boas illustrating *Maytenus Mülleri* and *Myristica paradoxa*). *Copies*: G, HH.
Note: Loesener (1905) mentions a second "fascicle" containing one plate (*Tetrastylidium Engleri*) which, however, he did not see. We found no copy of this plate.

11.423. *Eine brasilianische Gunnera* (Gunnera manicata Linden) .. (Separat-Abdruck aus Engler, Botanische Jahrbücher, XII. Band, 4. Heft) [1890]. Oct.
Publ.: 26 Aug 1890, p. [1]-3. *Copy*: M. – Reprinted and to be cited from Bot. Jahrb. 12(3/4)(Beibl. 28): 1-3. 1890.

11.424. *Ein Ausflug nach der Serra de Caparaó* (Staat Minas, Brasilien) nebst dem Versuche einer Vegetationsskizze der dortigen Flora) ... Separat-Abdruck aus Engler, Botanische Jahrbücher, XII. Band, 3/4 Heft: Beiblatt Nr. 28) [1890]. Oct.
Publ.: 26 Aug 1890, p. [1]-11. *Copy*: M. – Reprinted and to be cited from Bot. Jahrb. 12(3/4)(Beibl. 28): 4-10. 1890.

11.425. Estado de Minas Geraes. *Plantas novas mineiras* por W. Schwacke ... Ouro Preto (Imprensa official do Estado de Minas) 1898. 2 fasc. †. (*Pl. nov. mineir.*).
1: Apr 1898 (p. 3: 21 Feb 1897; copy at BR dedicated by Schw. to A. Cogniaux, Ouro Preto 29 Apr 1898; id. to Loesener 29 Apr 1898; id. to Radlkofer 29 Apr 1898), p. [1]-10, *pl. 1-3* (uncol. liths.).
2: 1900, p. [1]-42, *pl. 1-4* (uncol. liths. A. Avé-Lallemant), [1, err.].
Copies: BR, G, HH, M.

Schwägrichen, Christian Friedrich (1775-1853), German (Saxonian) botanist; Dr. med. Leipzig 1799; extra-ordinary professor of natural history at the University of Leipzig 1802, id. of botany 1806, director of the botanical garden 1806-1837; regular professor 1815-1852. (*Schwägr.*).

HERBARIUM and TYPES: G (bryoph. in Hedwig-Schwägrichen herbarium, see under J. Hedwig, other material in general herb.), M (general herb.). Further material in B (mainly destr.), COI, E, FH, H, L, LG ("moussier"), MW, PH, S, UPS. – *Letters* at G, HAL, HU, PH.

BIBLIOGRAPHY and BIOGRAPHY: ADB 33: 175 (E. Wunschmann); AG 3: 434; Barnhart 3: 248 (b. 16 Sep 1775, d. 2 Mai 1853); BM 4: 1874-1875, 8: 1167; CSP 5: 585 (5 nos.); DTS 1: 277; Frank 3 (Anh.): 94; GR p. 137; Herder p. 477; Jackson p. 153; Lasègue p. 328; Maiwald p. 196; MD p. 216-223; Moebius p. 116; MW p. 441; PR 8522-8523, 3885, ed. 1: 4262, 4450, 6004, 9138, 9472-9473, 11296; Rehder 1: 375; Saccardo 1: 150-151; SBC p. 132; SO 512, 529; SY p. 38, 41, 53; TL-1/491, 731, 1199, 1209, 1212a, 1422; TL-2/1456, 1968, 2532, 2736, 4769, see J. Hedwig; Tucker 1: 639; Urban p. 313.

BIOFILE: Anon., Bonplandia 1: 52, 109 (d.), 239 (bot. exam. by Schw.; unflattering acct.), 241. 1853, 2: 267. 1854 (cognomen Leopoldina: Dillenius); Bot. Not. 1855: 160. 1856 (d.); Bot. Zeit. 10: 359 (retirement, decoration), 941 ("917") (sale herbarium). 1852; Flora 1: 306. 1818 (on Schw.'s collections), 29: 591. 1846 (member kgl. sächs. Ges. Wiss.), 36(1): 31. 1852 (decoration), 36(2): 600. 1853 (d.; fell from a staircase), 37: 277. 1854 (d.); Gartenflora 2: 256. 1853 (d.); Österr. bot. W. 3: 254. 1853 (d.); Proc. Linn. Soc. London 2: 315-326. 1855.

Barnhart, J.H., Mem. Torrey bot. Club 16: 299. 1921; Bartonia 16: 34. 1934.
Candolle, Alph. de, Phytographie 449. 1880 (mosses with Duby; general herb. of 3800 sp. at M).
Cardot, J., Bull. Herb. Boiss. ser. 1. 7: 300-336. Apr, 338-380. Mai 1899 (Révision des types d'Hedwig et de Schwaegrichen).
Darlington, W., Reliq. Baldwin. 160. 1843.
Florschütz, P.A., *in* J. Hedwig, Species muscorum frondosorum, facs. ed. Weinheim 1960, p. [xiii-xiv] (biogr. sketch, bibl.).
Gager, C.S., Brooklyn Bot. Gard. Rec. 27: 233. 1938 (dir. bot. gard. Leipzig 1806-1837).
Hartung, H., Bot. Zeit. 10: 616. 1852 (sale of libr.), 11: 632. 1853 (sale second part libr. Schw.).
Hoppe, D.F., Bot. Taschenb. 1801: 200 (trip S. with Hoppe Tirol).
Mears, J.A., Proc. Amer. philos. Soc. 122: 171. 1978 (Schw. published new taxa on the basis of Muhlenberg material sent to Hedwig).
Oken, L., Ein Oken-Brief aus Jena von Juni 1821 an Friedrich Schwärichen ... commentary by Karl Sudhoff, Leipzig 1932, 4 p., *4 pl.* (n.v.).
Reichenbach, H.G., Bot. Zeit. 10: 551-552. 1852 (Schw. retires from directorship Leipz. naturf. Ges. which he had held from 1818; elected president).
Rodgers, A.D., William Starling Sullivant 136-137, 151, 173, 253. 1940; John Torrey 35, 57-58. 1942.
Sayre, G., Bryologist 80: 517. 1977.
Schmid, G., *in* C.G. Carus and C.F.P. von Martius, Eine Altersfreundschaft in Briefen 130, 131. 1939; Goethe u.d. Naturw. 129, 577. 1940.
Schrank, R. v., Flora 1: 555. 1818 (Schwägr. mat. at M).
Schultes, J.A., Flora 5: 142, 144. 1822 (rich private collections, bot. gard.).
Stafleu, F.A., Miquel-Schlechtendal corr., Regn. Veg. 71: 317. (S. refuses C. Müller access to his herbarium).
Stieber, M.T., Huntia 4(1): 86. 1981 (archiv. mat.).

COMPOSITE WORKS: (1) Editor, J. Hedwig, *Species muscorum frondosorum* 1801, TL-2/2532.
(2) *Musci, in* J.A. Schultes, *Reise Glockner* 2, 1804.
(3) *Musci, in* C. Gaudichaud, *Voy. Uranie* 6: 223-230. 23 Feb 1828, TL-2/1968.
(4) *Species muscorum i, in* C.L. Willdenow, Sp. pl. 5(2), sect. 1830, see under Willdenow.
(5) Published L.D. von Schweinitz, *Syn. fung. Carol.* (Schr. naturf. Ges. Leipzig 1: 20-132. 1822); see under Schweinitz.
(6) *Anleitung zum Studium der Botanik, in* F.A. Heyne, Pfl.-Kalend. ed. 2, 1804, see TL-2/2736.
(7) *Bryophyta, in* J. Richardson, *Bot. App.* 1823, see TL-2/9169.

MOUSSIER: Schwägrichen assembled four copies of a portable "MOUSSIER" that is a collection of moss specimens accompanied by drawings of taxonomically relevant details. One copy was given to F. Boudon de Saint-Amans. This set was used in 1873 as the basis for a re-issue by C. Roumeguère and the publisher Calmet for a facsimile edition of the drawings, a letter by Schwägrichen to Saint-Amans, completed with 321 exsiccatae with updated nomenclature after Schimper's Synopsis. The sets at BR and G consist of Calmet's introduction on p. [i], a copy of Schwägrichen's letter of 2 Feb 1813 and 26 plates with illustrations and moss fragments. See also Herbarium 16: 132. 1910, Bull. Soc. bot. France 20 (bibl.): 45-46. 1873 and G. Sayre, Mem. New York Bot. Gard. 19(2): 234. 1971.

HANDWRITING: Bartonia 28: *pl. 8.* 1957.

EPONYMY: *Schwaegrichenia* K.P.J. Sprengel (1815). *Note*: *Schwaegrichenia* H.G.L. Reichenbach (1828) probably was also named for this author, but no etymology was given.

11.426. *Topographiae botanicae et etymologicae lipsiensis specimen* primum. Quod amplissimi philosophorum ordinis auctoritate die xiii. aprili anni mdccxcix defendet Christianus Fridericus Schwaegrichen ... Lipsiae [Leipzig] (impressit Carolus Tauchnitz) [1799]. Qu. (*Topogr. bot. entom. lips.*).

1: 13 Apr 1799 (t.p.), p. [i-vi], [1]-36. – Dissertation Dr. phil.

2: 28 Jun 1799 (t.p.), p. [i-iv], [1]-48. – "... Specimen secundum. Dissertatio quam gratiosi medicorum ordinis auctoritate in litterarum universitate lipsiensi pro summis in arte medica honoribus die xxviii mensis junii mdccic publice defendet auctor Christianus Fredericus Schwaegrichen ..." Lipsiae [Leipzig] (ex officina Klaubarthia) [1801]. Qu.– Dissertation Dr. med.

3: 14 Nov 1804 (t.p.), p. [1]-16. – "Specimen iii. Quo ad audiendam orationem qua munus professoris historiae naturalis extraordinarii die xiv. novembris mdccciv. h.l.q.c. auspicabitur humanissime invitat Fridericus Schwaegrichen, ..." Lipsiae [Leipzig] (ex officina Solbrigiana) [1804]. Qu. – Oration accepting professorship nat. hist.

4: 24 Dec 1806 (t.p.), p. [i], [1]-20. – "...specimen quartum plantas nuper inventas indicans scripsit et ad audiendam orationem ob munus professoris botanicae in se delatum die xxiv. decembris [1806] in auditorio medico habendam humanissime invitat D. Fridericus Schwaegrichen ..." Lipsiae [Leipzig] (ex officina Solbrigia) [1806]. Qu. – Oration accepting professorship of botany.

Copies: B-S (1-4), G (1-4), HH(1-2, 4), NY (1-4), M (1-2), PH (1), USDA (1-2).

11.427. Joannis Hedwig ... *Species muscorum frondosorum* descriptae et tabulis aeneis coloratis illustratae opus postumen *supplementum primum* scriptum a Friderico Schwaegrichen ... sectio prima ... Lipsiae [Leipzig] (sumtu Joannis Ambrosii Barth), Parisiis (apud Treuttel et Würz, ...) 1811. Qu. (*Sp. musc. frond. suppl.*).

Original work: Johann Hedwig (1733-1799) *Species muscorum frondosorum*, 1801, posthumously published by Schwägrichen, see TL-2/2532. The supplements are all by Schwägrichen.

1(1): Jul 1811 (p. xiv: Jun 1811, SY p. 41, MO p. 221), p. [i]-xvi, [1]-196, *pl. 1-3, 3*, 4-49* (handcol. copp.).

1(2): 1 Jan-9 Mai 1816 (p. vi: Dec 1815; rev. Leipziger Lit. Zeit. 9 Mai 1816; SY p. 53), p. [i]-vi, [as "vii"], [1]-373 [= 369], [374, err. = 370], *pl. 50-100* (id.) (p. 369 as "379").

2(1)(1): Jan-Sep 1823 (p. vi: 8 Nov 1822; MD p. 221), p. [i]-vi, [1]-86, *pl. 101-125* (id.). – Also: Londini (... apud Treuttel et Würtz, ...).

2(1)(2): 1824, p. [i, iii], [87]-186, *pl. 126-150* (id.).

2(2)(1): Mai 1826 (p. [iii]: 28 Apr 1826; MD p. 221), p. [i, iii], [1]-79, *pl. 151-175* (id.).

2(2)(2): Mai 1827 (p. iii: Apr 1827; MD p. 221), p. [i, iii], 81-210, *pl. 175-200* (id.).

3(1)(1): Nov-Dec 1827 (p. [iii]: Nov 1827), p. [i, iii], expl. pl. 201-225 *pl. 201-225* (id.).

3(1)(2): Apr-Dec 1828 (p. [iii]: Apr 1828), p. [i, iii], *pl. 226-250* (uncol. copp.) with text.

3(2)(1): Jan 1829, p [i, iii], *pl. 251-275* (id.), with text.

3(2)(2): 1830, p. [i, iii], [1-5, index], *pl. 276-300* (id.), with text.

4: 15-18 Jun 1842, p. [i-vii], *pl. 301-325* with text.

For a complete collation and extensive notes on bibliography and plates see MD 216-223. There were issues on ordinary paper and on "Velin-Papier".
Copies: G, NY, U, US, USDA; IDC 5022.
Ref.: Hornschuch, C.F., Flora 8(2) Erg. 1-23. Jul 1825.
Fürnrohr, A.E., Flora 11(2), Erg. 1-39. Feb 1828, 13(2), Erg. 1-18. 1830.
Müller, C., Bot. Zeit. 1: 601-604. 1 Sep 1843 (suppl.).
Schwägrichen, F., *in* Schrader, Neu. J. Bot. 4: 1-19. 1810 ("Über das Hedwig'sche System der Moose ..."), see also Schrad., H., J. Bot. 1800: 431-436. 1801.

11.428. *Historiae muscorum hepaticorum prodromus.* Commentatio qua hortum botanicum lipsiensem feliciter instauratum renuntiat D. Fridericus Schwaegrichen, ... Lipsiae [Leipzig] (sumtu Joannis Ambrosii Barth) 1814. Oct. (*Hist. musc. hepat. prodr.*).
Publ.: 1814 (p. 12 "calendis Aprilis" (1814?)), p. [1]-39, *1 pl.* (col. or uncol. copp. C. Ludwig). *Copies*: B, B-S, BR, FI, G, MO, MO-Steere(2), NY, PH, U(2), US; IDC 2329.

11.429. *Topographia naturalis lipsiensis* ad anthropologiam et medicinam applicata. Dissertatio quam pro loco in Facultate medica capessendo in auditorio ictorum die x. decembris a.c. mdcccxix publice defendet D. Fridericus Schwaegrichen ... assumto socio Justo Radio ... Lipsiae [Leipzig] (Literis Staritii, ...) [1819]. Qu. (*Topogr. nat. lips.*).
Publ.: 10 Dec 1819 (t.p.), p. [1]-44. *Copies*: G, NY.

11.430. *Species muscorum frondosorum* editae a d. Friderico Schwaegrichen ... pars i. Berolini [Berlin] (impensis G.N. Nauck) 1830. Oct. (*Sp. musc. frond.*).
Publ.: 1830, p. [i]-xiv, [1]-122. *Copies*: G, NY, USDA. – Alt. t.p.: "Caroli a Linné *Species plantarum* exhibentes plantas rite cognitas ad genera relatas cum differentiis specificis, nominibus trivialibus, synonymis selectis, locis natalibus secundum systema sexuale digestas. Editio quarta, post Reichardianum quinta. Adjectis vegetabilibus hucusque cognitis olim curante Carolo Ludwigio Willdenow continuata ad muscos a F. Schwaegrichen, prof. Lips. Tomus 5. P. 2. sectio primo". Berolini (id.) 1830. – Can also be cited as Schwägrichen *in* C.L. Willdenow, Sp. pl. 5(2), 1830. – See under C.L. Willdenow.
Note: The supplement to this treatment, also by Schwägrichen, was to be published in the sixth edition of *Sp. pl.*, by A. Dietrich (TL-2/1456); however, it never came out.

11.431. *Bemerkungen über einige Stellen in der Flora brasiliensis* von Endlicher und Martius, 1stes Heft. 1840, Fol. vom Dr. Schwägrichen in Leipzig, *in* Linnaea 14(5), 1841. Oct.
Publ.: Feb 1841, in Linnaea 14(5): 517-528. Feb 1841. – Critical notes on C.F. Hornschuch's treatment of the Musci in C.F.P. von Martius et al., Fl. bras. 1(2): 1-96, *pl. 1-4.* 1840.
Note: Here, as elsewhere in his publications in German, Schwägrichen spelled his name "Schwägrichen"; the form Schwaegrichen occurs only on the title-pages of his works in Latin.

Schwaighofer, Anton (*fl.* 1892), Austrian botanist. (*Schwaighofer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 248.

11.432. *Tabellen zur Bestimmung einheimischer Saamenpflanzen* und Gefässsporenpflanzen. Für Anfänger insbesondere für den Gebrauch beim Unterricht ...
Ed. [*1*]: 1887 (Bot. Zeit. 24 Jun 1887; Nat. Nov. Jun(1) 1887), p. [1]-100.
Ed. 2: 1888 (Bot. Zeit. 27 Jul 1888; Bot. Centralbl. 30 Jul-10 Aug 1888; ÖbZ 1 Oct 1888; Nat. Nov. Dec(1) 1888; Flora 11 Sep 1888), p. [1]-100.
Ed. 3: 1890 (Bot. Zeit. 26 Sep 1900; Bot. Centralbl. 18 Sep 1900; ÖbZ for Oct 1890), p. [i]-vi, [1]-119.
Ed. 4: 1892 (Nat. Nov. Apr(2) 1892; Flora rd 21 Feb 1893), p. [i]-vi, [1]-121.
Ed. 5: 1894 (Bot. Centralbl. 7 Nov 1894; Bot. Zeit. 1 Dec 1894; Nat. Nov. Feb(2) 1895), [i]-vi, [1]-124.

Ed. 6: 1895 (Bot. Centralbl. 18 Sep 1895; Nat. Nov. Aug(2) 1895), p. [i]-vi, [1]-121.
Ed. 7: 1896 (ÖbZ for Sep 1896; Bot. Centralbl. 9 Sep 1896), p. [i]-vi, [1]-124.
Ed. 8: 1898 (Bot. Centralbl. 23 Jun 1898; Nat. Nov. Jun(2) 1898), p. [i]-vi, [1]-133.
Ed. 9: 1900 (Bot. Centralbl. 29 Aug 1930), p. [i]-vi, [1]-138.
Ed. 10: 1903 (ÖbZ for Apr-Mai 1903; AbZ 15 Jul 1903), p. [i]-vi, [1]-152.
Ed. 11: 1906 (Bot. Centralbl. 29 Mai 1906; Nat. Nov. Mai(1) 1906), p. [i]-vi, [1]-152.
Ed. 12: 1907 (Bot. Centralbl. 10 Dec 1907; Nat. Nov. Oct(2) 1907), 156 p.
Ed. 13: (n.v.).
Ed. 14: 1911 (ÖbZ for Jan 1911; Bot. Centralbl. 20 Jun 1911; AbZ 15 Mar 1911), p. [i]-iv, [1]-171. *Copy*: M. – Wien (Verlag von A. Pichlers Witwe & Sohn, ...) 1911.
Ed. 15: Jan 1912 (Nat. Nov. Jan(2) 1912), iv, 171 p.
Ed. 17: 1915 (Nat. Nov. Sep 1915), iv, 171 p.
Ed. 18: 1916 (Nat. Nov. Aug 1916), iv, 171 p.
Ed. 19: 1917 (Nat. Nov Mar 1918), 176 p.
Ed. 22: 1920, p. [i-ii], [1]-176. *Copy*: BR. – Wien (Verlag von A. Pichler's Witwe & Sohn, ...) 1920. Oct.
Ed. 30: 1933 (Nat. Nov. Jul 1933), 218 p.
Ed. 34: 1942 (p. v: Oct 1941), p. [i]-xiv, [1]-266. *Copy*: FAS. – K. Fr. Schwaighofer und H. Budde, *Die wichtigsten Pflanzen Grossdeutschlands*. Begründet von Dr. Anton Schwaighofer. 34. Auflage. Wien (Hölder-Pichler-Tempsky), Leipzig (B.G. Teubner) 1942. Oct. – Re-issued Wien 1946 with the title *Pflanzen der Heimat*.
Ed. 39: 1951, p. [i]-xiv, [1]-266. *Copies*: LC, USDA. – "Schwaighofer-Budde *Pflanzen der Heimat* Tabellen zur Bestimmung einheimischer Samenpflanzen und Gefässpflanzen und Gefässporenpflanzen begründet von Dr. Anton Schwaighofer. 39. Auflage, bearbeitet von Dr. Karl Fritz Schwaighofer ... Wien (Hölder-Pichler-Tempsky) 1951. Oct.
Ed. 40: 1952, p. [i]-xiv, [1]-266. *Copies*: LC, USDA. – Id.

11.433. *Tabellen zur Bestimmung einheimischer Sporenpflanzen.* Für Anfänger sowie für den Gebrauch beim Unterrichte ... Wien (Verlag von A. Pichler's Witwe & Sohn, ...) 1892. Oct. (*Tab. Bestimm. Sporenpfl.*).
Publ.: Jun 1892 (p. v: Mai 1892; Bot. Zeit. 30 Dec 1892; ÖbZ for Jun 1892), p. [i]-v, [1]-148. *Copies*: BR, NY.
Ref.: Möbius, M., Bot. Centralbl. 58: 92. 1894 (rev.).

Schwalb, Karl Josef W. (1842-?), Austrian mycologist. (*Schwalb*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 248 (b. 21 Oct 1842); BJI 1: 53; LS 24466-24470.

BIOFILE: Pax, F., Bibl. schles. Bot. 15. 1929.

11.434. *Die naturgemässe Conservirung der Pilze* mit einer einleitenden Excursion behufs Einführung in die Pilzkunde ... Wien (Verlag von A. Pichler's Witwe & Sohn, ...) 1889. (*Conserv. Pilze*).
Publ.: 1889 (Nat. Nov. Mar(2) 1889; Flora Dec 1888), p. [i]-iv, [1]-114. *Copy*: FH.

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Schwanecke, Carl (1821-1916), German (Prussian-Saxony) botanist and gardener;

travelled in the West Indies, St. Thomas, Puertorico and Sto. Domingo 1846-1850; owner of a commercial nursery at Oschersleben 1852, growing pansies. (*Schwanecke*).

HERBARIUM and TYPES: B (mainly destr.) and HAL; further material in BM (mosses), E, GOET, L, LZ (destr.), NY, W.

BIBLIOGRAPHY and BIOGRAPHY: Urban-Berl. p. 282, 313, 395.

BIOFILE: Moscoso, R.M., Cat. fl. doming. 1: xxx. 1943.
Schwanecke, C., Gartenflora 50: 355-358. 1901 (autobiogr., portr., account of his work on pansies).
Urban, I., Symb. ant. 1: 113, 157, 159. 1898, 3: 124. 1902, 7: 77. 1911.
Wagenitz, G., Index coll. princ. herb. Gott. 153. 1982.

Schwann, Theodor (1810-1882), German (Rhineland-Prussian) microscopist; Dr. med. Berlin 1834; assistant with Johannes Müller at Berlin 1834-1839; postulated the biological nature of alcoholic fermentation (1837); co-operated with M.J. Schleiden in developing the "cell-theory"; professor of anatomy at Louvain 1839; id. at Liège 1848; also professor of physiology ib. from 1858. (*Schwann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 121, 211, 212, 304, 314, 347; Barnhart 3: 248 (b. 7 Dec 1810, d. 11 Jan 1882); Biol.-Dokum. 16: 8471; BM 4: 1875; CSP 5: 585, 8: 903, 11: 362; DSB 12: 240-245 (M. Florkin); Frank 3 (Anh.): 94; Herder p. 122; Jackson p. 69; LS 24474-24475; Moebius p. 102, 168, 272; PR 8525, ed. 1: 9475.

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EPONYMY: *Schwannia* Endlicher (1840) and *Schwanniomyces* Klöcker (1909) very likely honor this author but no etymology was given.

FESTSCHRIFT: Manifestation en l'honneur de M. le professeur T. Schwann, Liège, 23 Juin. Liber memorialis ... Düsseldorf 1879.

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Publ.: 14-20 Apr 1839 (Hinrichs 14-20 Apr 1839), p. [i]-xviii, [1]-270, *pl. 1-4. Copies*: HH, M, NSUB, Natl. Libr. Med., U.S.A.
Other ed.: 1910, portr., p. [1]-242, *pl. 1-4. Copies*: DNLM, G, H, NY, U. – "Mikroskopische Untersuchungen ... von Dr. Th. Schwann. Herausgegeben von F. Hünseler." Leipzig (Verlag von Wilhelm Engelmann) 1910. Oct. – Ostwald's Klassiker der exakten Wissenschaften Nr. 176.
English transl.: 1847 (p. vii: 30 Nov 1847), p..[i]-xx, [1]-268, *pl. 1-4* (uncol.). *Copy*: PH. – "Microscopical researches into the accordance in the structure and growth of animals and plants. Translated from the German ... by Henry Smith ..." London (printed for the Sydenham Society) 1847. Oct. – On p. 229-268 contributions to phytogenesis.
English transl., facsimile ed.: 1969, Kraus Reprint Co. *Copy*: US. – As original, 1969 imprint added to orig. imprint.

Schwantes, Gustav (1891-1960), German (Hannover) botanist and archeologist; Dr. phil. Univ. Hamburg 1923; professor of prehistory Univ. Kiel 1929-1946; specialist on Mesembryanthemaceae. (*Schwant.*).

HERBARIUM and TYPES: Living collections of Mesembryanthemum at KIEL.

BIBLIOGRAPHY and BIOGRAPHY: BJI 2: 161; Christiansen p. 248, 249; Hortus 3: 1203; Zander ed. 10, p. 715 ("Georg"), ed. 11, p. 815.

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Fricke, W. & H.J. Hilgert, Kakteen und andere Sukkulenten 12(2): 18. 1961 (obit. not., b. 18 Sep 1881, d. 17 Nov 1960).
Schwantes, G., Flowering stones and Mid-day flowers, translated by Vera Higgins, xix, 420 p., 8 col. and 96 uncol. pl., London 1957.
Straka, H., Nat. Cact. Succ. J. 161(1): 15. 1961 (obit., portr., "Gustav"); Kakteen und andere Sukkulenten 12(2): 17-18. 1961 (id., additional bibl.).

EPONYMY: *Schwantesia* Dinter (1927); *Schwantesia* L. Bolus (1928).

Schwappach, Adam F. (1851-1932), German (Bavarian) forester; Dr. oec. München 1872; Königlicher Bayerischer Forstgehilfe, Martinlamitz 1873-1875; id. Ebrach 1875-1876; assistant for chemistry at the Forstliche Lehranstalt Aschaffenburg 1876-1878; at the Kreisforstbüro Würzburg 1878-1881; extra-ordinary profssor of forestry Giessen 1881-1886; in charge of forestry research at the Forstliche Hochschule Eberswalde 1886-1921. (*Schwappach*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 248 (b. 2 Nov 1851, d. 9 Feb 1932); Biol.-Dokum. 16: 8472-8473; Christiansen p. 226, 227; LS 24476, 39080-39080a; Rehder 5: 785-786; Tucker 1: 315, 639-640.

BIOFILE: Anon., Brit. Mus., Gen. cat. print. books 216: 793-794. 1964 (main works listed); Mitt. deut. dendrol. Ges. 1917: 248 (portr.); Reichshandbuch der deutschen Gesellschaft 2: 1741. 1931 (biogr. details, bibl., portr.); Science ser. 2. 75: 351. 1932 (d. 9 Feb 1932).
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Publ.: 1872, p. [1]-40. *Copy*: HH.

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Schwartz, Oskar (1901-1945), German (Baltic German, Latvian-born) botanist; Dr. phil. Göttingen 1925; assistant at the Botanical Institute Göttingen 1924-1927; assistant at the Institut für Allgemeine Botanik 1927-1932; scientific assistant 1932-1943; curator of the herbarium 1943-1945; habil. Hamburg 1938; "Privatdocent" 1939-1945; on active service in World War ii 1941-1945. (*O. Schwartz*).

HERBARIUM and TYPES: HBG.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1554; BJI 2: 161; Langman p. 688; MW p. 441; SK 4: cxlvi; TL-2/1711.

BIOFILE: Manshard, E., Ber. deut. bot. Ges. 68a: 9-12. 1955 (obit., bibl.).

COMPOSITE WORKS: (1) *Pontederiaceae, in* EP, *Nat. Pflanzenfam.* ed. 2. 150: 181-188. 1930. – See also Bot. Jahrb. 61 (Beibl. 139): 28-50. 1927 and *Pflanzenareale* 2: 13-14, maps 11-17. 1928.
(2) *Die Pontederiaceen*, maps 11-17 *in* E. Hannig & H. Winkler, eds., *Die Pflanzenareale* ser. 2. 2.

THESIS: *Anatomische, morphologische und systematische Untersuchungen über die Pontederiaceen*, Beih. Bot. Centralbl. 42(1): 263-320. 1926.

11.438. *Zur Systematik und Geographie der Pontederiaceen.* Studien zu einer Monographie der Familie ... [Bot. Jahrb. 61, Beibl. 139, 1927]. Oct.
Publ.: 15 Jun 1927, p. [i, recto of 28], [28]-50. *Copy*: G. – Reprinted and to be cited from Bot. Jahrb. 61 (Beibl. 139): [28]-50. 1927.

11.439. *Flora des tropischen Arabien* ... Hamburg (Institut für Allgemeine Botanik ...) 1939. Oct. (*Fl. trop. Arab.*).
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Schwarz, August Friedrich (1852-1915), German (Bavarian) floristic botanist and veterinarian; studied at the Veterinary College München; army veterinarian at Augsburg and Nürnberg. (*A.F. Schwarz*).

HERBARIUM and TYPES: Nürnberg, herb. Naturhist. Ges. (extant; inf. H. Merxmüller),

other material in B (mainly destr.), E, GB, STU. – Contributed to *Flora exsiccata bavarica* fasc. 1, nos. 1-75.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 808, 12(3): 230; Barnhart 3: 249 (b. 21 Jun 1852, d. 6 Dec 1915); BFM 659; BM 4: 1875; Futak-Domin p. 536; Rehder 1: 389.

BIOFILE: Anon., Allg. bot. Z. 21: 140. 1916 (d.); Hedwigia 59: (63). 1917 (d.).
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11.440. *Neuere Beobachtungen über die Phanerogamen- & Gefässkryptogamen-Flora in der Umgegend von Nürnberg.* Nachtrag und Ergänzung zu Sturm und Schnizlein's Flora von Nürnberg und Erlangen. 2. Auflage, 1860 ... [Abh. naturh. Ges. Nürnberg 7, 1881]. Oct.
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Journal issue: in 7 parts in the Abh. naturf. Ges. Nürnberg, in part as independently paginated "Beilagen". Divided in 1: allgemeiner Teil (2 parts), and 2: spezieller Teil (5 parts). *Copies*: B, BR, G, LC, MO, NY, USDA.
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1 (*Nachtrag, Fortsetz.*): 1897, p. [i], 187-204. – Abh. 10(5), Beilage.
2 (*1. Folge*): 1897, p. [i], [1]-162. – Abh. 10(5), Beilage.
2 (*2. Folge*): 1899, p. [i], 163-514. – Abh. 12, Beilage.
2 (*3. Folge*): Oct 1900, p. [i], 515-728. – Abh. 13, Beilage.
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Book issue: 1897-1912, in 6 parts, also in 2 Teile. – Nürnberg (Druck und Verlag von U.E. Sebald) 1897. Oct. *Copies*: B-S, G, HH, M.
1: 1897, p. [i-vi], [1]-233, [234], 4 maps.
2(1): 1897, p. [i-vi], [237]-418.
2(2): 1899, p. [i, iii], 419-821.
2(3): 1900, p. [i], [823]-1067.
2(4): 1901, p. [1069]-1450.
6(Fortsetz., Nachtr.): 1912, p. [1451]-1708. – Nürnberg (Verlag von J.L. Schrag) 1912.

11.442. *Die Flora der Umgebung Nürnbergs* ... Separat-Abdruck aus der 65. Versammlung deutscher Naturforscher und Ärzte vom Stadtmagistrat Nürnberg gewidmeten Festschrift. Nürnberg 1892. Oct.
Publ.: 1892, p. 1-15. *Copy*: M. – Reprinted from Festschrift (see above) 134-148. 1892. – A paper with the same title appeared in Abh. naturh. Ges. Nürnberg 17: 219-243. 1907.

11.443. *Nachtrag* zu Wagensohn und Meindl *Flora des Amtsbezirkes Mitterfels* [Ber. bot. Landshut 1901]. Oct.
Publ.: Jan 1901 (B copy inscribed by author 15 Jan 1901), p. [1]-11. *Copies*: B, M. – Reprinted and to be cited from Ber. bot. Ver. Landshut 16: 61-71. 1901.

Schwarz, [Erich] Frank (1857-1928), German (Silesian) botanist; studied at the University of Graz; student of H. Leitgeb; assistant with W.F.P. Pfeffer in Tübingen 1881-1883; Dr. phil. Graz 1880; "Privatdozent" Breslau, with F.J. Cohn 1883-1888; professor of botany at the Forestry College Eberswalde and director of the plant physiological laboratory of the experiment station for forestry in Prussia, also in Eberswalde. (*F. Schwarz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 249 (b. 7 Oct 1857, d. 12 Nov 1928); Biol.-Dokum. 16: 8486, 8487; BJI 1: 53; BM 4: 1876; CSP 11: 363, 12: 668, 18: 631; GR p. 176; Herder p. 122; LS 24480-24481; Moebius p. 182, 189, 298, 336; Morren ed. 10, p. 10; Rehder 5: 786; Tucker 1: 640.

BIOFILE: Anon., Bot. Jahrb. 9 (Beibl. 22): 1. 1888 (app. Eberswalde); Bot. Zeit. 46: 273. 1888 (app. Eberswalde); Jahrb. wiss. Bot. 56: 827. 1915 ("Schüler Pfeffers"); Nat. Nov. 10: 133. 1888 (app. Eberswalde); Österr. bot. Z. 38: 219. 1888 (app. Eberswalde), 78: 192. 1929 (d.).
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Publ.: Oct 1891 (p. vi: Fall 1891; t.p. 1892; ÖbZ for Oct and Nov 1891; Bot. Zeit. 27 Nov 1891; Bot. Centralbl. 19 Nov 1891; Nat. Nov. Nov(1) 1891), p. [i]-ix, [1]-513, [514, err.], *pl. 1-2. Copies*: B, MO, NY, USDA.
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Publ.: 1899, p. [i-iv], [1]-371, [372], *pl. 1-9. Copy*: HH.

Schwarz, Otto [Karl Anton] (1900-1983), German (Thuringian) botanist; Dr. phil. Berlin 1929 (student of L. Diels); on active service 1918; studied in Jena 1919-1920; employed in an art and antique shop at Jena 1920-1926; studied in Berlin 1926-1928; visiting professor in Turkey 1931-1934; privately active 1934-1939; director of the Haussknecht Herbarium; from 1946 professor of botany at Jena. (*O. Schwarz*).

HERBARIUM and TYPES: JE; first set of pre-1939 coll. Abruzzi, Carpath. and Anatolia at B (Flora Anatoliae occidentalis 1932/33 extant); other material at ANK, KIEL. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 658; Barnhart 3: 249; BFM 14, 460, 461, 462, 660, 1894, 2356; Biol.-Dokum. 16: 8492-8496; BM 8: 1167; Futak-Domin p. 536; Hortus 3: 1203; IF suppl. 4: 338; IH 1 (ed. 1): 46, (ed. 2): 64, (ed. 3): 79, (ed. 4): 85, (ed. 5): 85, (ed. 6): 364, (ed. 7): 342; Langman p. 689; MW p. 441; Roon p. 101; TL-2/2571, see H.C. Haussknecht; Zander ed. 10, p. 715, ed. 11, p. 815-816.

BIOFILE: Anon., SBZ-Biographie 321-322. 1961; Der Tagesspiegel 4 Sep 1958 ("Der Sieg des Sozialismus, das ist der Sieg des Besten, ..."); Wer ist wer in der SBZ [Sowjetische Besatzungszone Deutschlands] 236-237. 1958.
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Lepper, L. & F.K. Meyer, Otto Schwarz, reprint from unidentified journal p. 273-274 (1970) (portr., dedic.).
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Oehme, B., Jenaer Professoren im Bildnis 64-65. 1983 (col. portr.).
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Verdoorn, F., ed., Chron. bot. 3: 121, 233. 1937, 4: 9, 11, 127, 278. 1938, 5: 47, 49, 99, 112, 169, 227, 228, 250, 299. 1939, 6: 165. 1941, 7: 12, 13, 14. 1943.
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COMPOSITE WORKS: *Bornmüller Festschrift*, Beih. Repert. Sp. nov. Band C, 1938, 228 p.

11.446. *Analytische Studie über die Beziehungen der Phanerogamenflora von Arnhemsland* (Nordaustralien). Ein Beitrag zur floristischen Pflanzengeographie. Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Hohen Philosophischen Fakultät der Friedrich Wilhems-Universität zu Berlin ... Dahlem bei Berlin (Verlag des Repertoriums, ...) 1928. Oct. (*Anal. Stud. Phan.-Fl. Arnhemsland*). *Oct.*
Thesis ed.: 15 Mai 1928 (available in journal; promotion 22 Mai 1928), cover-t.p., [i, Vorwort], 59-113, [1, Lebenslauf]. *Copies*: B, HH.
Commercial ed.: 15 Mai 1928 in *Beitr. Syst. Pfl.-Geogr.* 5, Beih. Repert. Sp. nov. 51: 59-113. 1928; also reprinted with cover-t.p. [i], 59-113. *Copy*: M.

11.446a. *Entwurf zu einem natürlichen System der Cupuliferen* und der Gattung Quercus L. ... [Notizbl. Bot. Gart. Mus. Berlin-Dahlem 1936]. Oct.
Publ.: 15 Mar 1936, p. [1]-22. *Copy*: US. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 13(116): [1]-22. 1936.

Schwarze, Carl Alois (1886-1956), American mycologist and high school teacher; Dr. phil. Univ. Missouri 1909, subsequently lecturer at the chemistry department Columbia University; assistant plant pathologist New Jersey Experiment Station; high school teacher Jamaica High School, Long Island, N.Y. and id. Newton High School, Queens, New York; consulting plant pathologist from 1923. (*C.A. Schwarze*).

HERBARIUM and TYPES: NY (84 fungi).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 249; Hirsch p. 268; Kelly p. 209; LS suppl. 5559; Tucker 3: 275.

BIOFILE: Anon., Amer. men sci. ed. 5: 989. 1933, ed. 6: 1257. 1938, ed. 7: 1576-1577. 1944, ed. 8: 2209. 1949, ed. 9: 1002. 1955; The New York Times, 11 May 1956, p. 27 (obit., d. 9 Mai 1956).
Barnhart, J.H., J. New York Bot. Gard. 12: 140. 1911.

11.447. *The parasitic fungi of New Jersey* ... New Brunswick, N.J. September 1917 [i.e. 1918]. Oct. (*Paras. fungi New Jersey*).
Publ.: Apr-Aug 1918 (rd by Office of Experiment Station, USDA August 1918; see letter librarian Bureau to A.B. Seymour 30 Oct 1980; the inside cover of the pamphlet lists the staff of the New Jersey Stations as of 1 Apr 1918), p. [1]-226. *Copies*: FH, Stevenson. – New Jersey Agricultural Experiment Stations Bulletin 313.

Schwarzenbach, Fritz (1894-x), Swiss botanist and high school teacher; Dr. phil. Zürich 1922. (*F. Schwarzenbach*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 249.

11.448. *Untersuchungen über die Sterilität von Cardamine bulbifera* (L.) Crantz unter der Annahme eines hybriden Ursprungs dieser Art. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Philosophischen Fakultät II der Universität Zürich ... Jena (Verlag von Gustav Fischer) 1922. Oct. (*Unters. Steril. Card. bulb.*).

Publ.: 1922, p. [i-iii], [393]-514, *pl. 11-13*, [1, vita]. *Copy*: G. – Preprinted or reprinted from Flora 115(4): [393]-514. *pl. 11-13*. 1922.

Schwarzenbach, Marthe (1900-x), Swiss (Zürich) high school teacher and botanist; Dr. phil. Zürich (student of A. Ernst) 1926. (*Schwarzenbach*).

HERBARIUM and TYPES: Unknown.

11.449. *Regeneration und Aposporie bei Anthoceros*. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Philosophischen Facultät II der Universität Zürich ... Zürich (Art. Institut Orell Füssli) 1926. Oct. (*Regen. Apospor. Anthoceros*). *Publ.*: 1926, cover-t.p., p. [91]-141, [1, curr. vit.], *pl. 1-5*. *Copy*: B. – Arbeiten aus dem Institut für allgemeine Botanik der Universität Zürich ii. Serie No. 8. – Reprinted from Arch. Jul. Klaus-Stift. Vererbungsforsch. Zürich 2(2): 91-141. 1926 (journal n.v.).

Schwarzer, Carl Ferdinand (1829-1870), German (Silesian) veterinarian and botanist; studied veterinary science at the Royal Veterinary College at Berlin; active service in the Prussian army 1851-1852; practicing veterinarian at Löwen (Upper Silesia) 1852-1854, from 1854 idem at Kuhnern near Striegau (Silesia); active batologist. (*Schwarzer*).

HERBARIUM and TYPES: *Rubus* herbarium incorporated in that of W.O. Focke, BREM; general herbarium donated to the Royal Agricultural Museum Berlin; material at present at B (extant) from herb. Bothe. Some further material at C.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 497; Barnhart 3: 249 (b. 21 Apr 1829, d. 3 Apr 1870).

BIOFILE: Anon., Verh. bot. Ver. Brandenburg 11: xxvi. 1869 (1870) (d. 3 Apr 1870). Zimmermann, J., Verh. bot. Ver. Brandenburg 17: 84-85. 1875 (obit.).

Schwatka, Frederick (1849-1892), American soldier and explorer, especially of the Arctic; studied at West Point, 1867-1871; cavalry lieutenant 1871-1885; Dr. med. New York 1876; on the New York Herald expedition to King William's land 1878-1880; in command of the New York Times Alaska expedition 1886. (*Schwatka*).

HERBARIUM and TYPES: GH (Alaska; some Rocky Mts.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 249 (b. 29 Sep 1849, d. 2 Nov 1892); Ewan ed. 2: 196.

BIOFILE: Anon., Appleton's Cycl. Amer. Biogr. 5: 433. 1888; Brit. Mus. gen. cat. print. books 216: 886. 1964; Natl. Cycl. Amer. Biogr. 3: 285. 1893; The New York Times 3 Nov 1892, p. 1 (obit.).
Embacher, F., Lexik. Reisen 264-265. 1882.
F.M., Dict. Amer. Biogr. 16: 481-482. 1935.
Hulten, E., Bot. Not. 1940: 305 (Alaska coll.).

Schweickerdt, Herold Georg Wilhelm Johannes (1903-1977), South-African botanist (especially agrostologist), (born in Germany, 1904 to S. Africa); B.Sc. Transvaal Universiteitskollege 1924; Dr. phil. Bonn 1928 (student of H. Fitting); with C.E.B. Bremekamp at the University of Pretoria 1928-1931; with the National Herbarium of South Africa from 1932-1944; liaison officer for South African botany at Kew 1934-1938; in protective custody 1940-1944; senior lecturer University of Pretoria 1944-1951; Louis Botha chair for general botany ib. 1952-1963; Havenga prize of the S. African Academy of Sciences and Arts 1962. (*Schweick.*).

HERBARIUM and TYPES: PREM, PRU; further material at BOL, BR, NH, PRE, PUC,

STE, US, WIND; material from the former Portuguese African territories and Zambesi region also at J and K. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 249; Biol.-Dokum. 16: 8504; BL 1: 59, 317; Bossert p. 357; Hortus 3: 1203; IH 1 (ed. 1): 78, (ed. 2): 101, (ed. 3): 127, (ed. 4): 141; (ed. 5): 149, (ed. 7): 342; Zander ed. 10, p. 715, ed. 11, p. 816.

BIOFILE: Anon., Bull. misc. Inf. Kew 1934: 408 (to Kew), 1937: 442 (professional officer for botany).
Bullock, A.A., Bibl. S.Afr. bot. 104. 1978 (bibl.).
Exell, A.W. & G.A. Hayes, Kirkia 6(1): 101. 1967 (coll. Fl. zambesiaca).
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Schijff, H.P. van der, Forum bot. 15(4): 21-23. 1977 (obit., b. 29 Nov 1903, d. 21 Feb 1977).
Tölken, H.R., Ind. herb. austro-afr. 50. 1971 (coll.).
Verdoorn, F., ed., Chron. bot. 2: 185. 1936, 3: 161. 1937, 4: 275. 1938, 5: 510, 512. 1939, 6: 305. 1941.
White, A. & B.L. Sloane, The Stapelieae ed. 1: 139. 1933, ed. 2: 21 [index], 136 (portr.). 1937.

EPONYMY: *H.G.W.J. Schweickerdt Herbarium* Department of Botany, University of Pretoria (PRU), South Africa.

11.449a. *A revision of the South African species of Helitotrichon* [sic, for Helictotrichon], Bess. ex Schultes ... [Bothalia 1937]. Oct.
Publ.: Jan 1937 (in journal), p. 185-203. *Copy*: US. – Reprinted and to be cited from Bothalia 3(2): 185-203. 1937.

11.449b. *Descriptions and notes on South African Grasses* ... Sonderabdruck aus Fedde, Repertorium ... 1938]. Oct.
Publ.: 10 Jan 1938, p. [88]-92. *Copy*: US. – Reprinted and to be cited from Repert. sp. nov. 43: [88]-92. 1938.

11.449c. *Beitrag zur Kenntniss der Gramineae von Südafrika* ... Aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem ... 1838. Oct.
Publ.: 10 Jul 1938, p. [195]-200. *Copy*: US. – Reprinted and to be cited from Notizbl. Bot. Gart. Mus. Berlin-Dahlem 14(122): [195]-200. 1938.

Schweigger, August Friedrich (1783-1821), German (Bavarian) botanist and zoologist; Dr. med. chir. Erlangen 1804; with Willdenow in Berlin; from 1809-1821 director of the botanical garden and professor of botany at Königsberg; travelled in Western, Southern and Central Europe; murdered near Girgenti in Sicily. (*Schweigg.*).

HERBARIUM and TYPES: KBG (destr.). – Plants collected in Sicily in B (mainly destr.); in Nice in P; further material in UPS (Thunberg herb.; name spelled Schweigger and Schweiger on labels). – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 33: 332-333 (E. Wunschmann); AG 3: 556; Backer p. 661; Barnhart 3: 249 (b. 8 Sep 1783, d. 28 Jun 1821); BM 4: 1876-1877, 8: 1168; CSP 5: 589; Frank 3 (Anh.): 94; Herder p. 142, 158, 189; Hortus 3: 1203; Jackson p. 428; Langman p. 689; MW p. 441; PR 8526-8530, ed. 1: 9479-9483; Rehder 5: 787; TL-1/1210, 1211; Tucker 3: 275; Urban-Berl. p. 395; Zander ed. 10, p. 715, ed. 11, p. 816.

BIOFILE: Anon., Ann. Kriminalrechtspflege, Hitzig, 35: 152-183. 1846 (account of process against murderer, Michelangelo Alessi, of Cammarata; fide PR); Flora 3: 636. 1820 (trip to Greece [via Sicily], 4: 748. 1821 (d.), 5: 30-31. 1822 (details on his death in Sicily)).
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Pritzel, G.A., Linnaea 19(3): 461-462. 1846.
Schmid, G., Goethe u.d. Naturw. 577. 1940.
Schweigger, J.S.C., ed., Bruchstücke aus dem Leben des als Opfer seiner Wissenschaft gefallenen Dr. August Friedrich Schweigger. Halle 1830, 84 p. (copies: LC, NSUB) (detailed biogr. information).

EPONYMY: *Schweiggera* C.F.P. von Martius (1832); *Schweiggeria* K.P.J. Sprengel (1820).

11.450. *Specimen florae Erlangensis.* Dissertatio medica inauguralis quam consentiente illustri medicorum ordine pro gradu doctoris medicinae ac chirurgiae rite obtinendo d. xv. nov. [1804]. Publice defendet Augustus Fridericus Schweigger erlangensis. Pars i. Class. i-xiii. Erlangae (Typis Hilpertianis) [1804]. Oct. (*Spec. fl. Erlang.*).
Publ.: 15 Nov 1804 (t.p.), p. [i-xii], [1]-136. *Copies*: BR, L, MICH, NY.
Addenda: 1811 (see H.P. Fuchs 1960), p. 137-160, written by Franz Koerte ((1782-1845).
Pars ii: class. xiv-xxiii, see below *Fl. erlang.* 1811.
Ref.: Fuchs, H.P., Ber. schweiz. bot. Ges. 70: 449-450. 1960 (and Fl. males. Bull. 17: 910. 1962).

11.451. *Flora erlangensis.* Continens plantas phaenogamas circa Erlangam crescentes auctoribus Augusto Friderico Schweigger ... et Francisco Koerte ... Erlangae [Erlangen] (apud J.J. Palm) 1811. Oct. (*Fl. erlang.*).
Publ.: 1811 (p. iv: 25 Sep 1810), p. [i]-viii, [ix], [1]-160, pars ii (continens plantarum phaenogamarum class. xiv-xxiii), [1]-143. *Copies*: G, L, M, NY. – The first part, p. [1]-160 consists of the 1804 text p. [1]-136, mentioned above under *Spec. fl. erlang.*, with the addenda 137-160, first issued in this volume; the second part continues the treatment in the *Spec. fl. Erlang.* for class. 14-23. – The date of for class. 14-23. – The date of *Fl. erlang.* cannot be given by us with more precision; M. Lidén, Taxon 30: 323. 1981 cites an instance in which the book competes with Clairville, *Man. herbor. Suisse* which was published 28 Apr 1811. The *Fl. erlang.* preface, however, is 25 Sep 1810, that of the *Man. herbor. Suisse* 21 Feb 1811.

11.452. *Enumeratio plantarum horti botanici Regiomontani.* Regiomonti [Königsberg i. Pr.] (typis Academicis) 1812. Oct. (in fours). (*Enum. pl. hort. Regiom.*).
Publ.: Nov-Dec 1812 (p. vi: 28 Oct 1812), p. [i]-vi, [7]-79. *Copies*: B-S, NY, USDA; IDC 6469.

11.453. *Beobachtungen auf naturhistorischen Reisen* von August Friedrich Schweigger, ... anatomisch-physiologische Untersuchungen über Corallen; nebst einem Anhange, Bemerkungen über den Bernstein enthaltend ... Berlin (gedruckt und verlegt bei Georg Reimer) 1819. Qu. (*Beob. naturh. Reis.*).
Publ.: 1819, p. [i]-vi, [vii-viii, cont.], [1]-127, [128, err.], [1-4 expl. pl.], charts 1-12, *pl. 1-8* (p.p. col. copp.). *Copy*: PH.

11.454. *Nachrichten über den botanischen Garten zu Königsberg*, ... Königsberg (in der academischen Buchhandlung) 1819. Oct. (*Nachr. bot. Gart. Königsberg*).
Publ.: 1819, p. [1]-45, 2 charts. *Copy*: B-S.

11.455. *De plantarum classificatione naturali* disquisitionibus anatomicis et physiologicis stabilienda, commentatio qua fautoribus et amicis, imprimis collegis exellentissimis nec non commilitonibus aestumatissimis valedicit Dr. Augustus Fridericus Schweigger, ... Regiomonti [Königsberg i.Pr.] (Typis academicis ...) 1820. Oct. (*Pl. class. nat.*).
Publ.: 1820 (rd Paris Acad. Sci. 4 Sep 1820), p. [i]-iv, [5]-32, *charts 1-3*. *Copies*: B-S, FI, G, HH, NY.

Ref.: Anon., Flora 5(1) Beil. 2: 97-103. Feb 1822 (rev.).
Sprengel, K.P.J., Neue Entd. Pfl.-K. 2: 319-322. 1821.

Schweinfurth, Charles (1890-1970), American botanist (orchidologist); A.B. Harvard 1913; curator of O. Ames herbarium 1914-1931, from 1931 idem with the Orchid Herbarium of Oakes Ames at the Botanical Museum, Harvard University; honorary professor of botany Univ. Mayor de San Marcos, Peru 1948; id. Cuzco 1962. (*C. Schweinf.*).

HERBARIUM and TYPES: AMES (types); local collections in A, F, NEBC, NMW. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 521; Barnhart 3: 249 (b. 13 Apr 1890); Bossert p. 357; Hortus 3: 1203; IH 1 (ed. 1): 21, (ed. 2): 37, (ed. 3): 42, (ed. 4): 45, (ed. 5): 38, (ed. 6): 364 (err. G.A.S.); Langman p. 689; Lenley p. 362; MW p. 442; NI 1819n; Roon p. 101; Tucker 3: 275; Zander ed. 10, p. 715, ed. 11, p. 816 (d. 16 Nov 1970).

BIOFILE: Anon., Amer. men sci. ed. 8: 2210. 1949, ed. 9: 1402. 1955, ed. 10: 3625. 1961, ed. 11: 4773. 1967.
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Schultes, R.E., Bot. Mus. Leafl. Harvard Univ. 23(2): 93-99. 1971 (obit., portr., d. 16 Nov 1970).
Stieber, M.L. et al., Huntia 9(1): 86. 1981.
Verdoorn, F., ed., Chron. bot. 3: 293. 1937, 4: 565. 1938, 5: 173, 370. 1939.

NOTE: Most major publications fall outside our period, such as e.g. his *Orchids of Peru*, Fieldiana, Botany 30 (1-4), 1958-1961, 1005 p., see e.g. R.E. Schultes, Taxon 10: 229. 1961.

EPONYMY: *Cischweinfia* Dressler et N.H. Williams (1970).

Schweinfurth, Georg [August] (1836-1925), German (Latvian-born of German parents; naturalized Prussian 1879) botanist, geographer and explorer; studied in Heidelberg 1858-1859, München 1859-1860, Berlin 1860-1861; Dr. phil. Heidelberg 1862; travelled in the Nile countries 1863-1866, in Equatorial Africa 1868-1871; to El Chargeh 1874; founded the Cairo Geographical Society 1875; private scientist in Cairo 1875-1888; explored the areas between the Nile and the Red Sea 1876-1886; domiciled in Berlin from 1888 in close association with the Botanical Museum, still making frequent trips until 1914, e.g. to Yemen 1888-1889 and Eritrea 1891-1894. (*Schweinf.*).

HERBARIUM and TYPES: B (herb. small part extant; alcohol material extant, incl. types); other material in AAR, BAS, BM, BO, BP, BPI, BR, C, CAIM, CORD, DBN, E, FT, G, GE, GOET, GZA, H (bryo.), K, KIEL, L, LE, LY, M, MICH, MO, MPU, NA, NH, NMW, OXF, NY, P, PC, PH, PR, S, SAM, US, W, WRSL, WU, Z. – *Diaries* at B-S; *letters* to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 576-577, 12(3): 477; Backer p. 661; Barnhart 3: 249 (b. 16/29 Dec 1836, d. 19 Sep 1925); Biol.-Dokum. 16: 8506-8507; BJI 1: 53-54, 2: 88, 161; BL 1: 21, 30, 31, 32, 33, 34, 35, 58; Blunt p. 6; BM 4: 1877, 8: 1168; Bossert p. 357; CSP 5: 593, 8: 905-906, 11: 365, 12: 668, 18: 635-636; Frank 3 (Anh.): 95; GF p. 75, 76; GR p. 582; Herder p. 477 [index]; Hortus 3: 1203; IF p. 729; IH 1 (ed. 7): 342; Jackson p. 350; LS 24484; LS suppl. 25057; Moebius p. 383, 423; Morren ed. 10, p. 112; MW p. 44; NI 1820-1824; NW p. 57; PR 8531-8537; Quenstedt p. 391; Rehder 5: 787; Saccardo 1: 151; TL-2/199, 2867, 3895, 4028, 6452, 6590, 6761, see indexes; Tucker 1: 640-641; Urban-Berl. 268, 272, 282, 313, 395; Zander ed. 10, p. 715, ed. 11, p. 816.

BIOFILE: Anon., Angew. Bot. 8(5): 324. 1926 (obit. not.); Encycl. brit. ed. 11. 24: 392. 1911; Nat. Nov. 2: 159. 1880 (app. professor); Hedwigia 66: (55). 1926 (d.), 54: (61).

1913 (Leibniz medal), 66: (55) (d.), (120) (herb. to B). 1926; Leopoldina 6: 25. 1867 (cogn. Leopoldina: Jo. Burman); J. Bot. 63: 312. 1925 (d.); Nature 11: 685-686. 1925 (obit.); Notizbl. Berlin 7: 399. 1916 (bust); Österr. bot. Z. 74: 288. 1925 (d.); Steglitzer Anzeiger 23 Sep 1925 (funeral; buried in Bot. gard. Berlin-Dahlem); Vossische Zeit. 28 Dec 1924 (95th birthday).

Asmuss, N., Dr. Georg August Schweinfurth, Separatabdruck aus dem Rigaschen Almanach 1873. Druck von W.F. Hächer in Riga, 32 p. (copy: M).

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(2) *Phanerogamen*, *in* L. v. Höhnel, *Rudolph-Stephanie-See* 1891-1892, p. 852-868, see TL-2/2867 and below.
(3) *Samm. Conserv. Phanerog.*, *in* G.B. Neumayer, *Anl. wiss. Beobacht. Reisen* 1875, see TL-2/6761 (ed. 2: 1888, ed. 3, 1906) and below *Récolte cons. pl.*
(4) Introduction to Ludwig Keimer, *Die Gartenpflanzen im alten Ägypten* ägyptologische Studien, Berlin 1924, repr. Hildesheim (Georg Olms ...) 1967, p. [i]-xv, [1]-187.
(5) *Vegetationstypen aus der Kolonie Eritraea.* Der Text nach den Aufzeichnungen ... Schweinfurth's bearbeitet von L. Diels, *in* Karsten & Schenk, *Vegetationsbilder* 2, *6 pl.* and vi, 11 p. text, 1905.
(6) Various identifications, *in* G. Rohlfs, *Quer d. Afrika* 1871-1875, see TL-2/9454.
(7) Identifications, P.T. Range, *Fl. Isthmus-Wüste* 1921, see TL-2/8628.

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MAIN BIBLIOGRAPHY: Keimer, L., Bull. Soc. r. Géogr. Égypte 14: 73-112. 1934.

EPONYMY: *Schweinfurthafra* O. Kuntze (1891); *Schweinfurthia* A. Braun (1866).

11.456. *Plantae quaedam niloticae* quas in itinere cum divo Adalberto libero barone de Barnim facto collegit Robertus Hartmann med. dr. recensuit et observationes criticas in plantas prius jam notas et novarum descriptiones addidit Georgius Schweinfurth ...

Berolini [Berlin] (sumptus fecit ex typis expressit Georgius Reimer) 1862. Qu. (*Pl. quaed. nilot.*).
Collector: Robertus Hartmann (coll. Egypt 1859-1860; coll. at B (mainly destr.), CAIH, L.
Publ.: summer 1862 fide W. Basse 1925; defended later as dissertation in Heidelberg: 19 Dec 1862), p. [i]-iv, [1]-53, [55, ind.], *pl. 1-16* (uncol. liths). *Copies*: B, BR, G, HH, M, NY, PH, USDA.

11.457. *Versuch einer Vegetationsskizze der Umgegend von Straussberg* und des Blumenthals bei Berlin ... [Berlin] (Abgedruckt aus den Verhandlungen des Bot. Vereins für die Prov. Brandenburg. Heft iii. 1862). Oct.
Publ.: shortly before 21 Jun 1863 (Heft 3 was out by 21 Jun 1862, fide report meeting), p. [i], [1]-36, map. *Copies*: B, G, M, NY. – Reprinted or preprinted from Verh. bot. Ver. Brandenburg 3/4(3): 91-126. 1862.

11.458. *Flora des Soturba an der nubischen Küste* ... [Wien] (aus den Verhandlungen d. k.k. zoologisch-botanische Gesellschaft in Wien ... besonders abgedruckt) [1865]. Oct.
Publ.: Sep-Nov 1865 (mss. submitted 2 Aug 1865; BSbF rd 22 Dec 1865), p. [1]-24. *Copies*: G, MO. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 15: [537]-560. 1865.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 23: 375-376. 8 Dec 1865 (rev.).

11.459. *Beitrag zur Flora Aethiopiens* von Dr. Georg Schweinfurth. Erste Abtheilung ... Berlin (Druck und Verlag von Georg Reimer) 1867. Qu. †. (*Beitr. Fl. Aethiop.*).
Editors: Schweinfurth himself took care of the *Dicotylées éleuthéropétales et sympétales* before his departure for Egypt in December 1863; Paul Friedrich August Ascherson (1834-1913) took care of the rest and requested the help of various colleagues for special families (see preface p. viii).
Collaborators: P.F.A. Ascherson, Johann Otto Böckeler (1803-1899), Christian August Friedrich Garcke (1819-1904), Hermann Maximilian Carl Ludwig Friedrich zu Solms-Laubach (1842-1915) et al.
Collectors: Christian Gottfried Ehrenberg (1795-1876), Nubia 1822 ("Flora dongolana") and Massawa 1825 ("Flora habessinica"), coll. all in B; Leon Semenowich de Cienkowski (1822-1827), Nubia, Kordofan, Sennaar, 1848-1849, orig. coll. LE, dupl. B, W; W. von Harnier, upper White Nile 1860-1861, coll. at B; Theodor von Heuglin, Khartum, coll. at B and K; Kretschmer, N.E. Ethiopia 1862, coll. B; Georg Heinrich Wilhelm Schimper (1804-1878), coll. Semen 1850, Agow 1854, both at B; H. Steudner (1832-1863) on the Heuglin exped., trop. N. Afr., coll. B; Friedrich Paul Wilhelm von Württemberg (1797-1860), coll. upper Nile, coll. B, W. – The results of the study of these collections is reported in part 1, p. 1-230, with errata and addenda by Ascherson on p. 231-252.
Publ.: Mai 1867 (p. xii: 1 Jul 1866; p. 311: 25 Feb 1867; Flora 27 Aug; Bot. Zeit. 4 Oct 1867, p. 311: "Abgeschlossen am 25 Februar 1867", "erschienen" ÖbZ 1 Jul 1867; "eben erschienen" Bot. Zeit. 24 Mai 1867), p. [i]-xii, [1]-311, *pl. 1-3* (uncol. liths. Schweinfurth), *4* (id. Caspary). *Copies*: B, BR, FI, G, HH, M, MO, PH, Teyler; IDC 320. – A note on p. ix speaks about information contained in Proc. Linn. Soc. Bot. 7: 13-54. Mar 1863 [sic] which was received only after printing. It is likely that p. 1-230 were printed long before distribution which would also account for the long sections with errata. However, there is no indication that distribution of parts took place before the book was issued as a whole in Mai 1867. The book competes sometimes with Boissier, Fl. orient. 1, publ. Apr-Jun 1867; it is difficult to say which has priority; in the absence of further proof Boissier might be given priority.
Ref.: Anon., Bull. Soc. bot. France 14 (bibl.): 116-118. post 14 Aug 1867.
Ascherson, P., Bot. Zeit. 25: 316-318. 4 Oct 1867 (rev.).
Eichler, A.W., Flora 50: 393-397. 27 Aug 1867 (rev.).
Tournay, R., mss. annotations in copy BR.

11.460. *Aufzählung und Beschreibung der Acacien-Arten des Nilgebiets* ... [Linnaea 35, 1867]. Oct.

Publ.: Dec 1867, p. 309-376. *Copy*: FI. – Reprinted to be cited from Linnaea 35: 309-376, *pl. 4-23*. Dec 1867.

11.461. *Zur Geschichte der Pferdebohne* der Westindischen Neger, (Canavalia ensiformis DC.) ... (Aus den Verhandlungen d. k.k. zoolog.-botanischen Gesellschaft in Wien ... besonders abgedruckt) [1868].
Publ.: 1868 (mss. submitted 5 Feb 1868), p. [1]-2. *Copy*: FI. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 18: 199-200. 1868.

11.462. *Novae species aethiopicae.* Eine Anzahl neuer und unbeschriebener Pflanzen-Arten, welche von Dr. Steudner 1862 und von Dr. Schweinfurth 1864-1866 in Nubien und Abyssinien gesammelt wurden. Beschrieben von Dr. G. Schweinfurth reisendem Naturforscher im Auftrage der Humboldt-Stiftung. (Aus den Verhandlungen der k.k. zoolog.-botanischen Gesellschaft in Wien ... besonders abgedruckt) [1868]. Oct.
Collectors: H. Steudner (1832-1863) and G. Schweinfurth.
Publ.: 1868 (mss. submitted 1 Jul 1868; BSbF in rev. bibl. for Apr-Mai 1869), p. [1]-38. *Copies*: G(2), HH, MO. – Reprinted and to be cited from Verhandlungen 18: 651-688. 1868.

11.463. *Bericht über die botanischen Ergebnisse der ersten Niam-Niam Reise* Januar-Juli 1870. [Bot. Zeit. 29, 1871]. Oct.
Publ.: 12 Mai-2 Jun 1871 (in journal), col. 1-54. *Copy*: G. – Reprinted and to be cited from Bot. Zeit. 29: 301-317. 12 Mai, 324-341. 19 Mai, 351-366. 26 Mai, 372-376. 2 Jun 1871.

11.464. *The heart of Africa.* Three years travels and adventures in the unexplored regions of Central Africa from 1868 to 1871. By Dr. Georg Schweinfurth. Translated by Ellen E. Frewer ... London (Sampson Low, Marston, Low and Searle ...)1873. 2 vols. Oct. (*Heart Africa*).
Introduction: William Winwood Reade (1839-1875), travelled in Africa ca. 1863 and in 1868-1870.
Ed. 1: 2 vols. 1873 (t.p.; "spring 1874"? see Ascherson, Bot. Zeit. 33: 357. 1875. *Copies*: Ewan, HH, Liverpool Free Public Library; IDC F-169.
1: frontisp., p. [i]-xvi, map, [1]-559, [560, colo.], *15 pl.*
2: frontisp., p. [i]-x, map, [1]-521, [522, colo.], *10 pl.*
"*Ed. 2*": 2 vols. 1874. *Copy*: G. – "Second edition" London (ib.).
1: frontisp., p. [i]-xvi, map, [1]-559, [560, colo.], *15 pl.*
2: frontisp., p. [i]-x, map, [1]-521, [522, colo.], *10 pl.*
New York ed.: 1874. – New York (Harper & Brothers, ...) 1874. Oct. *Copies*: HH, MO, NY, PH.
1: frontisp., p. [i]-xvi, map, [1]-559, *15 pl.*
2: frontisp., p. [1]-521, map, *10 pl.*
Facsimile ed. of 1873 original: 1969, Farnborough, Hants (Gregg), ISBN 0-576-79993-9.
Facsimile ed. of New York 1874 ed.: 1969, Northbrook (Metro Books), ISBN 0-8411-0077-2.
German original: see below. – N.B. The English translation came out before the German original.
Other travel reports: A complete list of the 161 travel reports and other geographical publications is given by Keimer (1934), p. 73-83. – See also above (general paragraphs).

11.465. *Im Herzen von Afrika.* Reisen und Entdeckungen im Centralen Aequatorial-Afrika während der Jahre 1868 bis 1871 ... Deutsche Originalausgabe ... Leipzig (F.A. Brockhaus), London (Sampson Low, Marston, Low, and Searle ...) 1874. 2 vols. Oct. (*Herz. Afrika*).
Ed. 1: 1874 (published after English version, see review P. Ascherson, Bot. Zeit. 33: 356-359. 21 Mai 1875). *Copies*: B, H-UB, HH, LC, NSUB, U.
1: [i-ii], frontisp., [iii]-xiii, [1]-599, [600, colo.], map, 77 wood cut illustrations, partly h.t.
2: [i-ii], frontisp., [iii]-xii, [1]-561, [562], map, 47 wood cut illustrations, partly h.t.

Ed. 2: 1878, p. [i], frontisp., [iii]-xvi, [1, list pl.], [1]-518, 2 maps, 27 plates h.t. *Copy*: U. – Neue umgearbeitete Originalausgabe. Leipzig (F.A. Brockhaus) 1878. Oct.
Ed. 3: 1918 (p. viii: 1 Jan 1918), p. [i], frontisp. portr., [iii]-xviii, portr. Schw. 1872, [1]-578, map. *Copies*: B, LC, M, NSUB, U, WAG. – Bibliography on p. 548-561.
Volksausgabe: 1920 (n.v.).
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Ref.: Ascherson, P., Bot. Zeit. 33: 356-359. 21 Mai 1875 (rev.).

11.466. *Au coeur de l'Afrique* 1868-1871 voyages et découvertes dans les régions inexplorées de l'Afrique centrale par le Dr George Schweinfurth ouvrage traduit avec l'autorisation de l'auteur sur les éditions anglaise et allemande par Mme H. Loreau ... Paris (Librairie Hachette et Cie ...) 1875. 2 vols. Oct. (*Coeur de l'Afrique*).
Publ.: 1875. *Copies*: BR, Ewan, FI, H-UB.
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11.467. *De la flore pharaonique* [Bull. Inst. Égypt. ser. 2. 3 année 1882] 1883. Oct.
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Neue Funde auf dem Gebiete der Flora des alten Ägyptens, Bot. Jahrb. 5: 189-202; see also Nature 29: 312-315. 1884.

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Publ.: 1883, p. [1]-16. *Copies*: G, M. – Reprinted from Marine-Verordnungsblatt 1883: 1-16.

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Publ.: 1887, cover-t.p., p. [1]-15. *Copies*: B, M. – Reprinted and to be cited from Bull. Inst. Egypt. 7: 419-433. 1887. – See also ib. 6: 256-283. 1886 and Ber. deut. Bot. Ges. 8(1): 1-16. 1886.

11.471. *Illustration de la flore d'Égypte* par P. Ascherson et G. Schweinfurth. Le Caire [Cairo] 10 février 1887. Oct. (*Ill. fl. Égypte*).
Co-author: Paul Friedrich August Ascherson (1834-1913), see also TL-2/199; this is an amended entry.
Publ.: 10 Feb 1887 (date on t.p.; Nat. Nov. Jun(2) 1887; Magy. nov. Lap. Jul 1887), p. [i-ii], [25]-260. *Copy*: BR. – Preprinted from Mém. Inst. Égypte 2: 23-260. 1889.
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Ref.: Flahault, Ch., Bull. Soc. bot. France 35 (bibl.): 167-168. Oct-Dec 1888.

11.473. *Récolte et conservation des plantes* pour collections botaniques principalement dans les contrées tropicales ... Genève et Bale (H. Georg, ...), Lyon (id.) 1889. Oct. (*Récolte cons. pl.*).
Translation: Eugène John Benjamin Autran (1855-1912).
Publ.: 1889 (p. 4: 14 Dec 1888; Bot. Zeit. 26 Apr 1889; BSbF séance 12 Apr 1889; Nat. Nov. Apr(1) 1889), p. [1]-64. *Copies*: B (61 p.), FI, G(2), NY (61 p.), USDA (61 p.). – Original publication in G.B. von Neumayer, *Anleit. wiss. Beobacht. Reisen* 1875 (TL-2/6761), p. 374-388. – Ed. 2 of German original 1888, p. 213-234 (reprint at BR), ed. 3. 1906.

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Publ.: 1890 (Nat. Nov. Jul(1) 1890), p. [1]-14. *Copies*: BR, G(2), US. – Original German text in Verh. Ges. Erdk., Berlin 16: 299-307. 1889; see also ibid. 18: 531-550. 1891 and Arch. Sci. phys. nat. 23: 181-182. 1890.

11.475. Società africana d'Italia ... *Le piante utili dell'Eritrea* ... Napoli (sede della Società ...) 1891. Oct.
Publ.: Nov-Dec 1891 (in journal; Nat. Nov. Aug(1) 1892), p. [1]-56. *Copies*: BR, G, HH, M. – Reprinted and to be cited from Boll. Soc. afr. Italia 10 (11-12): [233]-286. Nov-Dec 1891 (rd US 26 Apr 1892). – An Italian translation of a talk by Schweinfurth given at Berlin, 7 Jul 1894, "Viaggio dei dott. G. Schweinfurth e M. Schoeller in Eritrea" in Boll. Soc. afr. Ital. 13 (9-10): [125]-168. Sep-Oct 1894 (see below *Einige Mitteilungen* ... 1892).

11.476. *Über die Florengemeinschaft von Südarabien und Nordabyssinien* ... [Sonderabdruck a.d. Verhandl. d. Gesellsch. f. Erdkunde zu Berlin 1891. Heft 9 u. 10]. Oct.
Publ.: Nov-Dec 1891 (submitted 7 Nov 1891; Nat. Nov. Aug(1) 1892), p. [1]-20. *Copies*: BR, G. – Reprinted or preprinted from Verh. Ges. Erdk., Berlin 18: 531-550. 1891. – See also above Rapp. Arab. heur. Égypte, 1890.

11.477. *Einige Mitteilungen über seinen diesjährigen Besuch in der Colonia Eritrea* (Nord-Abessinien). Vortrag ... Berlin (Druck von W. Pormetter) 1892. Oct.
Publ.: Jul-Dec 1892 (submitted 2 Jul 1892), p. [1]-28. *Copy*: G. – Reprinted and to be cited from Verh. Ges. Erdk., Berlin 19: 332-398. 1892. – Other publications on this trip: Verh. Berl. Anthrop. Ges. 1892: 189-191, and *Italian transl.*: Boll. Soc. afric. Italia 13 (9-10): 121-168. 1894.

11.478. *Vorläufige Aufzählung der während der* [Teleki'schen] *Expedition gesammelten Pflanzen höherer Ordnung* ... [Sonderabdruck aus: "Zum Rudolph-See und Stephani-See von Ludwig Ritter v. Höhnel. Wien, 1892, Alfred Hölder]. Oct.
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11.479. *Barbeya* novum genus Urticacearum ... Genova (Tipografia di Angelo Ciminago ...) 1892. Oct.
Publ.: 1892 (t.p. reprint; p. 10: Nov 1891; Nat. Nov. Aug(1) 1892), cover-t.p., p. [1]-11, *pl. 24-25* (uncol. liths. W.A. Meyn). *Copies*: B, BR, G, M, MO, NY. – Reprinted from Malpighia 5 (7-9): 332-340, *pl. 24-25*. 1892.
Ref.: Franchet, E., Bull. Soc. bot. France 39 (bibl.): 166-167. Sep-Dec 1892.

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Co-author: Paul Friedrich August Ascherson (1834-1913); further contributions by Paul Hermann Wilhelm Taubert (1862-1897).
Publ.: Sep-Nov 1893 (in journal; Nat. Nov. Mar(2) 1895), cover-t.p., p. [1]-75, *pl. 20* (uncol. lith.) with 1 p. expl. *Copies*: B, FAS, G. – Reprinted and to be cited from Bull.

Herb. Boissier 1: 433-449 (1-17). Sep, 584-603 (18-37). Oct, 645-682 (38-75). Nov 1893, *pl. 20.*

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Publ.: 31 Oct 1893 (p. [ii]; Bot. Zeit. 1, 16 Dec 1893; ÖbZ for Nov 1893; Bot. Centralbl. 29 Nov 1893; Nat. Nov. Dec(1) 1893),p. [1]-84. *Copies*: BR, FI, G, HH, M. – Issued in Abh. k. preuss. Akad. Wiss. Berlin 1893 (Anh.), no. 2, p. 1-84. 1893.
Ref.: Taubert, P.H.W., Bot. Centralbl. 58: 417-419. 18 Jun 1894 (rev.).

11.482. *Über Balsam und Myrrhe.* Sonderabdruck aus den Berichten der pharmaceutischen Gesellschaft. Berlin SW (R. Gaertner's Verlagsbuchhandlung, H. Heyfelder). Oct.
Publ.: 5 Oct and 2 Nov 1893 (in journal), p. [i], [1]-29. *Copies*: B, G. – Reprinted and to be cited from Ber. pharmaceut. Ges., Berlin 5 Oct 1893, 3 (7-8): 218-232. 5 Oct, 3 (9-10): 237-252. 2 Nov 1893.

11.483. *Sammlung Arabisch-aethiopischer Pflanzen.* Ergebnisse von Reisen in den Jahren 1881, 88, 89, 91, 92 und 94 ... Genève (Imprimerie Romet, ...) [1894-] 1896 [-1899]. Oct.
Publ.: in parts as Appendix 2 to Bull. Herb. Boissier vols. 2, 4, and 7, 1894-1896, 1899.
Première série, as a consolidated reprint 1896, p. [1]-266. *Copies*: G, M. – Originally issued as Bull. Herb. Boiss. 2, app. 2: 1-48. Mar, 49-90. Aug, 91-113. Dec 1894 and 4. app. 2: 114-266. Jan 1896.
Deuxième série: ib. 7, app. 2: [267]-298. Jan, 299-340. Mar 1899.

11.484. *Liste des plantes* récoltés par les princes Démètre et Nicolas Ghika-Commaneşti dans leur voyage au pays des *Somalis* ... Bucarest (Établissement graphique J.V. Socecu ...) 1897. Qu. (*Liste pl. Somalis*).
Co-author: Georg Ludwig August Volkens (1855-1917); collectors Démètre & Nicolas Ghika-Comaneşti.
Publ.: 1897 (rev. Bot. Centralbl. 4 Aug 1897), p. [1]-19. *Copies*: BR, FI, G, M. – Also published in N. Ghika-Comaneşti, *Cinq mois au pays des Somalis*, Genève et Bâle 1898, p. [190]-219.
Ref.: Harms, H.A., Bot. Centralbl. 71: 217-218. 4 Aug 1897.

11.485. *Erklärung gegen Herrn Dr. O. Kuntze* ... Botanisches Centralblatt 76, 1898. Oct.
Publ.: 21 Dec 1898, p. [1]-2. *Copy*: B. – Reprinted and to be cited from Bot. Centralbl. 76(13): 424. 21 Dec 1898.

11.486. *Arabische Pflanzennamen* aus Aegypten, Algerien und Jemen ... Berlin (Dietrich Reimer (Ernst Vohsen)) 1912. Oct. (*Arab. Pfl.-Nam.*).
Publ.: 1912 (Bot. Centralbl. 4 Feb 1913; ÖbZ for Dec 1912; Nat. Nov. Dec(1) 1912), p. [i]-xxiv, 1-232. *Copies*: NY, PH.

11.487. *Afrikanisches Skizzenbuch* Verschollene Merkwürdigkeiten ... Berlin (Deutsche Buch-Gemeinschaft ...) [1925]. Oct. (*Afrik. Skizzenbuch*).
Publ.: 1925 (p. 8: Sep 1925), p. [1]-312, [313]. *Copy*: B. – Contains an autobiography of S. on p. 9-24.

Schweinitz, Lewis David von (1780-1835), American botanist; educated in the Moravian community at Nazareth, Pennsylvania, 1787-1798; with his family to Germany 1798; at the theological college of Niesky (Upper Lusatia) 1798-1801; teacher at the Niesky College 1801-1807; Moravian preacher at Gnadenburg (Silesia), 1807-1808, id. at Gnadau (Saxony) 1808-1812; Dr. phil. Kiel 1817; administrator of the church estates of the Moravian brethern in North Carolina; resident in Salem, North Carolina 1812-1821; "proprietor of the church estates in the North" at Bethlehem, Pennsylvania 1821-1835; "patron saint" of North American mycology. (*Schwein.*).

HERBARIUM and TYPES: PH (23.000, including his fungi); some fungi also at BM, BPI, FH, CGE, K, NY, NYS, PH, UPS; further material at BR, CGE, CUP, DWC, E, FH, H, LZ, M, NY, OXF, PC-Durand, PUR, UPS, W. – For Schweinitz's record books see Pennell (1931). Various authors mention Schweinitz's "lamentable scheme ... in discarding the collector's original labels in favor of his own copied tickets" (Ewan 1962). Most of Schweinitz's books are at PH; for unpublished manuscripts and correspondence (mostly also at PH) see below. The manuscript material may often help to determine when and how a specimen was added to the herbarium, a circumstance especially important because of the above-mentioned discarding of original labels. A mss. *Index phaenogamicae herbarii* (cat. of his herb.) in von Schweinitz's handwriting is at GH. – *Letters* at G.

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COMPOSITE WORKS: (1) *Monotropsis* Schweinitz, *in* S. Elliott, *Sketch bot. S. Carolina* 1: 478-479. Dec[?] 1817.
(2) *A catalogue of plants collected in the North-Western Territory* by Mr. Thomas Say, in the year 1823, *in* W.H. Keating, *Narrat. exp. St. Peter's River* 2: 379-400. Dec 1824 or early 1825 (in London ed., 1825, 2 (app.): 105-123), see TL-2/3560 and R.L. Stuckey (1970).
(3) *Fungi, in* J. Torrey, *Catalogue of North American genera of plants* ..., *in* J. Lindley, *Intr. nat. syst. bot.*, first Amer. ed. Dec 1831, TL-2/4644.
(4) *Catalogus plantarum in monte Pokono* (North-Hampt. Pennsylvaniae) observatorum a L.D. Schweinitz, *in* Maximilian Alexander Philipp, Prinz zu Wied-Neuwied [1782-1867], *Reise in das innere Nord-Amerika* in den Jahren 1832 bis 1834, 1: 631-634. 1839.

HANDWRITING: Bartonia 28: *pl.* 7. 1957, Mycologia 41(4): 457. 1949.

MANUSCRIPTS AND LETTERS: (1) Most archival material concerning Schweinitz is at PH (see PH p. xxiv, coll. 4, 130, 137, 248, 437, 438, 557, 657), e.g.:

(a) *Synopsis plantarum americanorum*, 357 p. in PH coll. 130, item no. 3 (coll. 130 consists of 8 "synopses of various botanical groups").

(b) Systematically arranged catalogue of the Schweinitz herbarium, 326 p., in PH coll. 137, item no. 12 (coll. 137 consists of 14 "herbarium catalogi and indexes").

(2) Several manuscripts which belonged to J. Torrey were given to Sullivant in 1860 and are now at FH. Among them a *Conspectus muscorum frondosorum americanorum herbarii*, a list of 267 American musci with indication of which are in his herbarium; also a similar mss. on Hepaticae and a diary of observations on cryptogams in 1821 (inf. G. Sayre).

(3) For the archival holdings of Schweinitz items at NY see Lenley 362, 363, 468 (Torrey corr.).

(4) *Correspondence* (published): with C.F. Denke (R.L. Stuckey & J.R. Wehrmeister, 1979), E. Fries (C.L. Shear 1902), A. Gray (J.L. Gray 1893; C.L. Shear 1905), C.H. Mertens (G.H.M. Lawrence 1964), Th. Nuttall (J.E. Graustein 1967), D. Steinhauer (R.L. Stuckey 1967), J. Torrey (C.L. Shear & N.E. Stevens 1921 and see H.D. Rodgers, 1942).

EPONYMY: *Schweinitzia* S. Elliott ex T. Nuttall (1818); *Schweinitzia* Greville (1823); *Schweinitzia* Massee (1895); *Schweinitziella* Spegazzini (1888).

11.488. *Conspectus fungorum in Lusatiae superioris agro niskiensi crescentium e methodo Persooniana.* Cum tabulis xii aeneis pictis, species novas xciii sistentibus ... Lipsiae [Leipzig] (sumtibus Kummerianis) 1805. Oct. (in fours). (*Consp. fung. Lusat.*).

Co-author: Johannes Baptista von Albertini (1769-1831), see TL-1/p. 27 and no. 75. This is an amended entry. - For the part of Albertini in publishing the *Conspectus* see D.P. Rogers (1977, p. 235-236) and D.M. Benedict (1935).

Publ.: 1805 (p. xii: Mai 1804; Jenaische Allg. Lit.-Zeit. 14 Mar 1806), p. [i]-xxiv, [1]-376, *pl. 1-12* (col. copp. Schweinitz). *Copies*: BR, NY, PH, Stevenson; IDC 5284. – Survey of the fungi growing around Niesky in Upper Lusatia (not Nisko as err. stated sub TL-2/75), the seat of a sizeable colony of Moravian brethern of the Herrnhut group. The colony counted educational institutions, such as a teacher's college, a mission school and an elementary school for boys.

11.489. *Specimen florae Americae septentrionalis cryptogamicae*; sistens: muscos hepaticos huc usque in Am. Sept. observatos. or: specimen of a systematic arrangement and description of the cryptogamous plants of North-America: comprising a diagnostic description of all the hepatic mosses hitherto observed in North-America; with ampler descriptions of a number of new species by Lewis D. de Schweiniz [sic], D.P. Raleigh (printed by J. Gales) 1821. Oct. (in fours). (*Spec. fl. Amer. crypt.*).

Publ.: probably Sep-Oct 1821 (letters Schweinitz to Torrey 19 Apr and 29 Oct 1821), p. [1]-27. *Copies*: FH, HH, NY, PH, US.

Note: see also *On two remarkable hepatic mosses found in North Carolina* ... J. Acad. nat. Sci. Philadelphia 2(2): 361-370. *1 pl.* 1822 [read 26 Nov 1822].

11.490. Art. x. – *Attempt of a monography of the Linnean genus Viola*, comprising all the species hitherto observed in North-America; by Lewis D. de Schweinitz, of Salem, North Carolina. [Amer. J. Sci. 5: 48-81. 1822]. Oct.

Publ.: Jun 1822 (journal issue Jun 1825; a footnote on p. 41 states of Schweinitz: "Now (April, 1822) of Bethlehem, Penn."), p. [48]-81. *Copies*: FI, US. – Reprinted with original pagination and to be cited from Amer. J. Sci. 5(1): 48-81. Jun 1822.

11.491. *Synopsis fungorum Carolinae superioris* secundum observationes Ludovici Davidis de Scweinitz [sic] ... edita a D.F. Schwaegrichen. E commentariis Societatis Naturae Curiosorum lipsiensis excerpta. [Leipzig 1822]. Qu. (*Syn. fung. Carol. sup.*).

Publ.: 18 Jul-15 Nov 1822 (see Rogers 1944 and 1977 for further details; the date of 15 Nov is that of sending a copy from Bethlehem, Pa.; the copies must have been despatched to the author from Leipzig at least six weeks earlier which would put the

date of publication between 18 Jul and 1 Sep 1822; the publication came out after Persoon, Mycol. eur. vol. 1, and before E. Fries, Syst. mycol. 2(1)), p. [1]-105, *pl. 1-2* (col. copp. J.F. Schröter). *Copies*: FH, G, NY, PH, USDA; IDC 6313. – Preprinted or reprinted from Schr. naturf. Ges. Leipzig 1: 20-131, *pl. 1-2* (id.) and generic index on p. 231-232 (1822). – Schweinitz never saw a copy of the journal publication (Rogers 1977); it contains on p. 20-27 an editorial introduction by Christian Friedrich Schwägrichen (1775-1853). The plates were made by J.F. Schröter for the editor Schwägrichen, and not by Schweinitz himself. – Reprints or tear-sheets with the journal pagination are e.g. at BR, FH, G, HH, MICH, MO, Stevenson.

Facsimile ed.: 1976, p. [i*-iv* new mat. facs. ed.], [i-iii, journal t.p. & ded.], 20-131, *pl. 1-2*. ISBN 3-7682-1065-0. Bibliotheca mycologica Band 49 (J. Cramer in der A.R. Gantner Verlag Kommanditgesellschaft FL-9490, Vaduz, Liechtenstein). *Copy*: FAS. – See Taxon 26: 126. 1977.

Ref.: Arthur, J.C. & G.R. Bibsy, Proc. Amer. philos. Soc. 57: 172-292. 1918 (on rusts in Synopsis; translation, notes).

Rogers, D.P., Mycologia 36: 530. 1944 (comparison with Persoon, *Traité champ. comest.*, see TL-2/7734.

11.492. *On two remarkable Hepatic mosses* found in North Carolina by L.D. Schweinitz ... J. Acad. nat.-Sci. Philadelphia 2(1). 1822. Oct.

Publ.: Dec 1822 (date on cover), J. Acad. nat. Sci. Philadelphia 2(2): 361-370. 1822.

Ref.: Fox, W.J., *in* W.J. Nolan, Index sci. cont. J. proc. Acad. nat. Sci. Philadelphia 1812-1912, Philadelphia 1913, p. vii (date).

Phillips, J.S., Proc. Acad. nat. Sci. Philadelphia 1: 58. 1841 (date).

11.493. *Description of a number of new American species of Sphaeriae.* By Lewis D. de Schweinitz. Read February 15, 1825. [J. Acad. nat. Sci. Philadelphia 5: 3-16, *pl. 1-2*. 1825]. Oct.

Publ.: Jun 1825 (date of journal issue), p. 3-16, *pl. 1-2*. *Copy*: FH. – Reprinted with original pagination and to be cited from J. Acad. nat. Sci. Philadelphia 5: 3-16. *pl. 1-2*. Jun 1825.

11.494. *Monograph of the North American species of the genus Carex* by the Rev. L.D. de Schweinitz. Edited by John Torrey. From vol. i. part ii of the Annals of the Lyceum of natural History of New-York [sic]. New-York (printed by J. Seymour) 1825. Oct. (in fours). (*Monogr. N. Amer. Carex*).

Authorship: John Torrey is listed as having edited the paper. However, in a note on p. [374], dated "Bethlehem, Penn. Dec. 20, 1825" von Schweinitz states that, in view of the amendments proposed by Torrey, "the Monograph should be considered and quoted in all respects, as the joint production of Dr. Torrey and myself". The contents of the journal issue list the paper as "by L.D. Schweinitz and J. Torrey".

Publ.: late Dec 1825 or early 1826 (in view of the note on p. [374], dated 20 Dec 1825 from Bethlehem, the earliest possible date would be very late in December but more likely early in the year 1826), cover-t.p., p. 283-373, [374, note], *pl. 24-28, 28bis* (uncol. copp. P. Maverick). *Copies*: Ewan, G, HH, MO, NY, PH; IDC 5161.

Preliminary publ.: *An analytical table to facilitate the determination of the hitherto observed North American species of the genus Carex*, Ann. Lyc. nat. Hist. New York 1(2): 62-64. Feb, 65-71. Mar 1824. – Reprint p. 62-71 at US.

11.495. Transactions of the American philosophical Society, held at Philadelphia, for promoting useful knowledge. Vol. iv. new series. – part ii. Art. viii. – *Synopsis fungorum in America boreali media degentium.* Secundum observationes Ludovici Davidis de Schweinitz. Published by the Society. Philadelphia (printed by James Kay, Jun and Co. ...) 1832. Qu.

Publ.: 24 Mai-29 Aug 1832 (Rogers 1977, p. 238; the special cover of the issue for "Art. viii" is dated 1832; the volume as a whole is dated 1834; the mss. was submitted to the Society on 15 Apr 1831), cover-t.p., [141]-316, *pl. 19* (uncol.), [1, expl. pl.]. Published as and to be cited from Trans. Amer. philos. Soc. ser. 2. 4(2). 1832. *Copies* (journal issue): FH, G(2), HH, MO, NY, PH(3); IDC 7729. – Rogers (1977): "Perhaps 80%

of the species described as new really are new. This is a remarkable batting average ..." See also R.H. Petersen (1980) and M.S. Stieber (1980).

Facsimile ed.: 1962, J. Cramer (Weinheim), Historiae naturalis classica tomus xxiv, p. [i-v], 141-316, *pl. 19*, [1]. *Copies*: B, BR, FAS. – The t.p. reproduced on p. [v] is that for the completed volume 4 of the new series, and is dated 1834. It should be noted that the actual date is 1832 as stated above.

Ref.: Arthur, J.C. & G.R. Bisby, Proc. Amer. philos. Soc. 57: 172-292. 1918 (rusts; partial translation).
Berkeley, M.J. & M.A. Curtis, J. Acad. nat. Sci. Philadelphia ser. 2. 3: 205-224. 1856.
Petersen, R.H., "B. & C.": the mycological association of M.J. Berkeley and M.A. Curtis, Bibl. mycol. 72, 1980 (p. 71-120: unpubl. comm. on *Synopsis*).
Rogers, B.P., Mycologia 36: 531. 1944, 69: 238-239. 1977.
Shear, C.L. & N.E. Stevens, Mycologia 9: 198. 1917, 37: 224-225. 1935.
Stieber, M.T., Huntia 3(3): 179-180. 1979.

Schweizer, Jakob (1885-?), Swiss high school teacher and botanist. (*Schweizer*).

HERBARIUM and TYPES: Unknown.

11.496. *Polyploidie und Geschlechterverteilung bei Splachnum sphaerium* (Linn. fil.) Swartz. Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der Philosophischen Fakultät ii der Universität Zürich ... Jena (Verlag von Gustav Fischer) 1922. Oct. (*Polyl. Geschl.-Vert. Splachnum*).
Publ.: 1922, p. [i-iv], [1]-72, [1, curr. vit.]. *Copies*: B, NY. – Preprinted or reprinted ("erscheint zugleich") from Flora 116(1-2): [1]-72. 1922.

Schwencke, Martinus Wilhelmus (1707-1785), Dutch botanist and physician; practicing in 's Gravenhage [The Hague]; kept a "hortus medicus" and gave botany courses to surgeons and pharmacists. (*Schwencke*).

HERBARIUM and TYPES: Unknown; some material in herb. Giseke at E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 250 (d. 21 Jan 1785); Dryander 3: 102, 232, 459, 547; Hortus 3: 1204; Jackson p. 440; JW 4: 406; Oudemans 2: 236-237; PR 8538-8541, ed. 1: 9487-9490; Rehder 5: 787;TL-2/9732.

BIOFILE: Anker, J., Centaurus 1: 251. 1951 (Oeder visits S's medical garden in the Hague).
Forbes, R.J., ed., Martinus van Marum 3: 128. 1971.
Heine, H., Kew. Bull. 16(3): 465-469. 1963 (on the correct spelling of *Schwenckia*).
Hulth, J.M. & A.H. Uggla, Bref Skrifv. Linné 2(2): 80, 81. 1943.
Kuijlen, J. et al., Paradisus batavus 25, 26, 98, 99, 207. 1983.
Sprengel, K.P.J., Gesch. Bot. 2: 376. 1818 (most impt. plants from his garden sold to Schönbrunn after his death).

COMPOSITE WORKS: *Loci natales quarundam plantarum* circa Hagam comitis crescentium, *in* D. de Gorter, *Fl. belg.* 1767, p. 382-389.

EPONYMY: *Microschwenckia* Bentham ex W.B. Hemsley (1882); *Protoschwenkia* Solereder (1898); *Schwenkia* Linnaeus (1764); *Schwenkiopsis* Dammer (1916).

11.497. Mart. Guil. Schwencke ... *Officinalium plantarum catalogus*, quae in horto medico, qui Hagae comitum est, aluntur. Hagae-Comitum (apud Petrum de Hondt) 1752. Oct. (in fours). (*Off. pl. cat.*).
Publ.: 1752, p. [i]-vi, [1]-86. *Copies*: B-S, BR, Kon. Bibl. 's Gravenhage.

11.498. *Verhandeling over de* waare gedaante, aart en uytwerking' der *Cicuta aquatica* Gesneri, of Groote-Waterscheerling: een gewas 't welk hier te lande in groote menigte voortkoomt, en genuttigd van de doodelykste gevolgen is. Ten algemeenen nutte, inzonderheyd der geenen die ten plattenlande woonen, met de behulpmiddelen daarte-

gens, bschreeven, afgebeeld, en in 't licht gegeeven ... in 's Gravenhage (by Mattheus Gaillard) 1756. Oct. (*Verh. Cicuta*).
Publ.: 1756, p. [i]-xii, [13]-54, *4 pl.* (copp. engr.). *Copy*: Univ. Tilburg.

11.499. *Kruidkundige beschryving der in- en uit-landsche gewassen*, welke heedendaagsch meest in gebruik zyn, door Mart. Wilh. Schwencke, med. doct. en professor in de botanie. In 's Gravenhage (gedrukt voor den autheur, by Jacobus van Karnebeek) 1766. Oct. (*Kruidk. beschr. gew.*).
Publ.: 1766, p. [i-viii], [1]-327, [328, err.], [appendix: [i-viii], *1 pl.* (col. copp.), *Novae plantae Schwenckia* by D. v. Royen]. *Copies*: B-S, BR, G, Kon.-Bibl. 's Gravenhage, L, P. – See our entry (TL-2/9732) on D. v. Royen, *Nov. pl. Schwenckia* 1766 for the appendix, and H. Heine (1963) for further details.
Other ed.: 1784, p. [i-viii], [1]-334. *Copy*: U. – *Kruidkundige beschryving* ... gedrukt voor den autheur". In 's Gravenhage (by Jacobus van Karnebeek, ...) 1784. Oct. – No binomials.

Schwendener, Simon (1829-1919), Swiss (St. Gallen) botanist; Dr. phil. Zürich 1856; assistant with Carl Nägeli in Zürich 1856-1857; habil. Zürich 1857; with Nägeli to München 1857; habil. München 1860; lecturer (Privatdocent) 1860-1867; professor of botany at Basel 1867-1877; id. Tübingen 1877-1878; id. Berlin 1878-1909, as first professor of general botany and director of the Botanical Institute; outstanding morphologist and physiologist; originator of the theory of the lichen symbiosis, the "mechanical principle" in physiological plant anatomy and the mechanical theory of phyllotaxis. (*Schwend.*).

HERBARIUM and TYPES: Unknown. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 97-99, 318; Barnhart 3: 250 (b. 10 Feb 1829, 27 Mai 1919); Biol.-Dokum. 16: 8512; BJI 1: 54, 2: 162; BM 4: 1879-1880; Bossert p. 357; Collander hist. p. 28, 34, 46; CSP 5: 596, 8: 906, 11: 365, 12: 668, 18: 638; De Toni 1: cxiv, 2: lxxxiv; DSB 12: 255-256; Frank 3 (Anh.): 95; GR p. 634-635, *pl.* [5]; GR, cat. p. 71; Herder p. 70, 122, 236, 254, 260; Jackson p. 72, 87; Kelly p. 210; Kleppa p. 10; LS 24493-24505; Moebius p. 156, 456 (index); Morren ed. 2, p. 31, ed. 10, p. 5, 6; PR 6604, 6608, 8544-8546; Rehder 5: 787-788; SBC p. 132; TL-2/3835, 6083, 6614, 8760, 9164, 9165, indexes; Tucker 1: 641.

BIOFILE: Almquist, E., Grosse Biologen, München 1943.
Anon., Bonplandia 9: 160. 1861 (Privatdozent München); Bot. Centralbl. 54: 255. 1893 (foreign memb. Copenhagen Soc. Sci.), 56: 384. 1893 (geheimer Regierungsrath), 64: 432. 1895 (president Deut. bot. Ges.), 71: 383. 1897 (Dr. h.c. Leipzig), 72: 160. 1897 (id.), 73: 128. 1898 (id.), 75: 159. 1898 ("Pour le mérite"), 79: 208. 1899 (corr. memb. Akad. Wien), 110: 272, 432. 1909 (80th birthday), 111: 576. 1909 (will retire), 113: 352. 1910 (Haberlandt succeeds S.), 140: 400. 1919 (d.); Bot. Jahrb. 18 (Beibl. 44): 41. 1894 (S. and Engler both app. Geh. Regierungsrath); Bot. Monatschr. 7: 63. 1889 (lectures), 15: 232. 1897 (Dr. phil. h.c. Berlin), 16: 72. (Maxim. Ord.), 155 (Pour le Mérite). 1898, 17: 127. 1899 (corr. memb. Akad. Wien); Bot. Zeit. 19: 128. 1861 (habil. München), 25: 96. 1867 (succeeds Meissner at Basel), 35: 231. 1877 (to Tübingen), 36: 222. 1878 (to Berlin), 67: 352. 1909 (will retire); Flora 50: 90, 125. 1867 (to Basel); Hedwigia 37: (84) (Dr. h.c. Leipzig), 202 ("Pour le mérite") 1898, 39: (70). 1900 (corr. memb. Acad. Paris), 49: (134). 1910 (retirement), 51: (244). 1911 (memb. Acad. Brussels), 53: (97). 1912 (Acad. Paris), 53: (235). 1913 (Helmholtz medal), 61: (114). 1919 (d.); Nat. Nov. 2: 142. 1880 (corr. memb. Acad. München), 22: 151. 1900 (corr. memb. Acad. Paris), 23: 178. 1901 (pres. Deut. bot. Ges.), 31: 534. 1909 (will retire), 33: 386. 1911 (corr. memb. Acad. Brussels), 34: 340. 1912 (for memb. Acad. Paris); Neue Zürcher Zeit. 140, no. 849. 7 Jun 1919 (obit.); Österr. bot. Z. 43: 231. 1893 (memb. Soc. Sci. Copenhagen), 44: 39. 1894 (Geh. Regierungsrath), 47: 374. 1897 (Dr. h.c. Leipzig), 68: 196. 1919 (d.); Verh. bot. Ver. Brandenburg 56: (17)-(18). 1915, 61: 119. 1920, 62: 35 (90th birthday), 48: 48-50. (obit.). 1920.
Asen, J., Gesamtverz. Lehrkörp. Univ. Berlin 1: 184. 1955.

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Schwere, Siegfried (*fl.* 1896), Swiss botanist; Dr. phil. Zürich 1896. (*Schwere*).

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Schwerin, Fritz [Kurt Alexander] Graf **von** (1856-1934), German (Berlin) dendrologist; Dr. phil. Königsberg; landed proprietor at Wendisch-Wilmersdorf nr Berlin; president of the Deutsche dendrologische Gesellschaft 1903-1934. (*Schwer.*).

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Schwertschlager, Joseph (1853-1924), German (Bavarian) geologist, botanist, high school teacher and clergyman; ordained 1877; town chaplain of Monheim ca. 1877-1880; studied philosophy and natural sciences at Würzburg; Dr. phil. ib. 1882; professor of natural sciences at the episcopal Lyceum of Eichstätt 1882-1923. (*Schwertschlager*).

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NOTE: Schwertschläger took his degree on a thesis *Kant und Helmholtz, erkenntnisstheoretisch verglichen* (1882); published e.g. a topographical-geological work *Altmühltal und Altmühlgebirge* and further geological-geomorphological papers, as well as *Philosophie der Natur*, ed. 1. 1921 (ed. 2, 1922).

11.531. *Der botanische Garten der Fürstbischöfe von Eichstätt* ... Eine Studie ... Eichstätt (Ph. Brönner'sche Buchdruckerei (A. Hornik)) 1890. Oct. (*Bot. Gart. Fürstbisch. Eichstätt*).
Publ.: 1890 (p. vii: 20 Jul 1890; Bot. Zeit. 31 Oct 1890), p.. [i]-vii, [viii], [1]-112, 2 charts (in text), *2 pl. Copies*: G, M, USDA. – Issued as a "Programm" accompanying the Jahres-Bericht ... Bischöfl. Lyceum zu Eichstätt f.d. Studienjahr 1889/90.

11.532. *Die Rosenflorula von Eichstätt* ... Separatabdruck aus den Berichten der Bayer. botanischen Gesellschaft. Bd. iv. [1896]. Oct.
Publ.: 1896, p. [22]-25. *Copy*: HH. – Reprinted and to be cited from Ber. bayer. bot. Ges. 4: 22-25. 1896.

11.533. *Über einige für Bayern neue Rosenarten* und mehrere überhaupt neue Artbastarde von Rosen [1907]. Oct.
Publ.: Apr 1907, p. 1-6. *Copy*: HH. – Reprinted and to be cited from Ber. bayer. bot. Ges. 11: [170]-175. 1907.

11.534. *Die Rosen des südlichen und mittleren Frankenjura*: ihr System und ihre phylogenetischen Beziehungen, erörtert mit Hinsicht auf die ganze Gattung Rosa und das allgemeine Deszendenzproblem ... München (Isaria-Verlag) 1910. Oct. (*Rosen Frankenjura*).
Publ.: Jan 1910 (p. xi: Nov 1909; PH rd 2 Aug 1910; Bot. Zeit. 1 Mar 1910; NY rd Aug 1910; Bot. Centralbl. 1 Mar 1910; ÖbZ for Jan 1910; Nat. Nov. Feb(1) 1910; AbZ 15 Mar 1910), p. [i]-xvi, [1]-248, *pl. 1-2* (uncol. liths.) with text. *Copies*: B, BR, FI, G, M, MO, NY, PH, USDA.
Preliminary publ.: *Die Rosenflorula von Eichstätt*, Ber. bayer. bot. Ges. 4: 22-25. 1896 (see above); *Über einige für Bayern neue Rosenarten* ... ib. 11: 170-175. 1907, *Diagnosen neuer Rosenformen Bayerns*, Repert. Sp. nov. 8: 99-107. 1910.
Ref.: Krause, K., Bot. Jahrb. 46 (Lit.): 9. 1911 (rev.).
Schwertschlager, J., Allg. bot. Z. 16: 26-27. 15 Feb 1910 (rev.).

11.535. *Verzeichnis neuer Formen und Varietäten der Rosenflora Bayerns* mit ihren deutschen und lateinischen Diagnosen ... Sonderabdruck aus Mitteilungen III Bd. Nr. 3/4 der Bayer. Bot. Ges. ... 1913. Oct.
Publ.: 1913 (AbZ 31 Jul 1913), p. 1-10. *Copy*: M. – Reprinted and to be cited from Mitt. bayer. bot. Ges. 3(3-4): [68]-77. 1913.

11.536. *Die Rosen Bayerns* eine systematische Übersicht der bis 1919 beobachteten Arten und Variationen von Dr. Joseph Schwertschlager † ... herausgegeben von Dr. Franz Mayr ...[München] (Selbstverlag der Gesellschaft, Druck von C. Brugel & Sohn A.-G. Ansbach) [1926]. Oct. (*Rosen Bayerns*).
Publ.: Mai 1926 (p. iv: Easter 1926; BR rd Jul 1926; ÖbZ for Feb-Mai 1926; Nat. Nov. Aug 1926), p. [i-v], [1]-128. *Copies*: B, BR. – Issued as Ber. bayer. bot. Ges. 18. Heft 2, 1926.
Preliminary publ.: Bot. Jahrb. 59, Beibl. 131: 1-13. 15 Mai 1924; also reprinted p. [1]-13. *Copy*: M. "*Die Rosen Bayerns*".

Schweykert, J.M. (*fl.* 1791), German gardener at Karlsruhe. (*Schweykert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Jackson p. 425; PR 8548, ed. 1: 9495; Rehder 1: 44; SO add. 745a.

EPONYMY: *Schweyckerta* [*sic*] C.C. Gmelin (1805).

11.537. *Catalogus plantarum horti botanici Carolsruhani* secundum systematis vegetabilium Caroli a Linné editionem decimam quartam. Carolsruhae [Karlsruhe] (Typis Macklottianis) 1791. Oct. (*Cat. hort. bot. Carolsruh.*).
Publ.: 1791, p. [1]-60. *Copies*: M, NSUB.

Schwickerath, Mathias [Friederich] (1892-1974), German (Prussian) botanist, phytosociologist and high school teacher; teacher's examination 1917; Dr. phil. Münster 1919; high school teacher at Aachen 1916-1957; from 1949 "Dozent" at the University of Bonn; from 1958 with the title professor; "Bezirksbeauftragter für Naturschutz und Landespflege, Regierungsbezirk Aachen" 1927-1968. (*Schwickerath*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 250; BFM 1780, 1781; Biol.-Dokum. 16: 8536-8538; BJI 2: 162; GR p. 137; Hirsch p. 269.

BIOFILE: Bauer, H.J., Natur und Landschaft 49(8): 230. 1974 (obit., d. 31 Mai 1874); Mitt. Landesstelle Natursch. Landschaftspfl. Nordrhein-Westfalen 3(2): 29-32. 1974 (obit., bibl., portr., b. 14 Jan 1892).
Oberschelp, R., ed., Gesamtverz. deut. Schriftt. 120: 347-348. 1980.
Verdoorn, F., ed., Chron. bot. 1: 129, 133. 1935, 5: 21, 392, 394. 1939, 6: 305. 1941.

11.538. *Die Vegetation des Landkreises Aachen* und ihre Stellung im nördlichen Westdeutschland ... Aachen (J.A. Mayer'sche Buchhandlung, ...) 1933. Oct. (*Veg. Landkr. Aachen*).
Publ.: Jun-Aug 1933 (p. [iii]: Pfingsten [Whitsun] 1933; Nat. Nov. Sep 1933), p. [i, iii], 1-135, *pl. 1-14* (photos), 1 map h.t. *Copies*: B, BR, FAS, M. – Issued as Aachener Beiträge zur Heimatkunde, vol. 13.

11.539. *Das Hohe Venn* und seine Randgebiete Vegetation, Boden und Landschaft ... Jena (Verlag von Gustav Fischer) 1944. Oct. (*Hohe Venn*).
Publ.: 1944 (p. vi: Sommersonnenwende 1942), p. [ii]-x, map, [1]-278, 15 charts. *Copies*: B, BR, FI, G, NY, USDA. – Issued as Pflanzensoziologie Band 6.

Schwier, Heinz (1881-1955), German (Prussian) musician, composer and botanist; high school teacher at Schweicheln 1901-1905; attended the Sondershausen music school 1905; subsequently conductor of theatre orchestras in Celle and Hannover, ultimately music director in Göttingen; in retirement at Petershagen. (*Schwier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 65; Biol.-Dokum. 16: 8540.

BIOFILE: Koppe, F., Ber. Naturw. Ver. Bielefeld 14: 186-190. 1956 (obit., bibl., portr. b. 6 Oct 1881, d. 3 Mai 1955).
Runge, F., Naturschutz in Westfalen 15, Beih. 124. 1955 (obit. not., portr.); Abh. Landesmus. Naturk. Münster Westfalen 29: 32, 34. 1967.
Seeland, H., Mitt. Herm. Roemer-Mus. Hildesheim 40: 41, 44. 1936.

11.540. *Flora der Umgebung von Minden i.W.* [Münster i.W. (Westfälische Vereinsdruckerei ...) 1936-1937]. Oct.
1: 1936 (Nat. Nov. Aug 1937), p. [1]-80, issued as Abh. Landesmuseum Westfalen 7(3). 1936.
2: 5 Oct 1937 (Nat. Nov. Mai 1938), p. [1]-110, map, id. 8(2). 1937.
Copies: B, G.

Schwilgué, Charles Joseph Antoine (1774-1808), French botanist and physician; studied medicine at Strasbourg and Paris; Dr. med. Paris 1801; professor of materia medica at the "École de médecine", Paris. (*Schwilgué*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1880; PR 8549, ed. 1: 8496; Rehder 3: 242.

11.541. *Traité de matière medicale*, ... À Paris (chez J.A. Brosson, Libraire, ...) an xiii-1805. (*Trait. mat. méd.*).
Ed. 1: 1805, 2 vols. duod. *Copy*: Natl. Libr. Med. (U.S.A.).
1: [i]-xlviii, [1]-511.
2: [i, iii], [1]-560, [561-562].
Ed. 2: 1809, 2 vols. Oct. "Seconde édition, revue, corrigée et augmentée de notes de P.H. Nysten, ..." Paris (chez J.A. Brosson, ...) 1809. *Copies*: G, H-UB. – Editor: Pierre Hubert Nysten (1774-1817).
1: [*i*]-*xl*, [*1*]-*469*.
2: [*i*, *iii*], [*1*]-*520*.
Ed. 3: 1818, 2 vols. Oct. "Troisième édition, revue, corrigée et augmentée de notes et de formules du Nouveau Codex pharmaceutique, par P.H. Nysten, ..." Paris (id.). 1818.

Copy: BR. – With biographical notes on Schwilgué and Nysten.
1: [i]-xl, [1]-504.
2: [i-iv], [1]-520.

Schychowsky, Iwan (*fl.* 1832), Russian (Kaluga-born) botanist; Dr. phil. Dorpat 1832. (*Schychowsky*).

HERBARIUM and TYPES: Unknown. Some material at FI. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 521; BM 4: 1880; Herder p. 122, 314; PR 8550-8551, ed. 1: 2178, 9499; Rehder 1: 119; TL-2/974.

BIOFILE: Candolle, A.P. de, Mém. souvenirs 416. 1862.

COMPOSITE WORKS: Translated Alph. de Candolle *Introd. étude bot.* 1835 into Russian, Moskwa 1837 (*copy*: G), see TL-2/974.

EPONYMY: *Schychowskia* Endlicher (1836).

11.542. *De fructus plantarum, phanerogamarum natura.* Dissertatio inauguralis, quam venia atque auctoritate amplissimi philosophorum ordinis in Caesarea literarum universitate dorpatensi, pro gradu doctoris philosophiae rite impetrando, conscripsit, atque loco consueto publice defendet Joannes Schychowsky, kalugensis. Dorpati livonorum (typis J.C. Schünmanni, ...) 1832. Oct. (*Fruct. pl. phan. nat.*).
Publ.: 1832, (p. [2]: 2 Jun 1832 imprimatur), p. [1]-67, [68, theses]. *Copy*: G.

Scoffern, John (1814-1882), British physician, botanist and chemist; professor of chemistry at Aldersgate st. college 1840; involved in the Franco-Prussian war 1870-1871; author on chemistry, explosives, sugar-technology, botany and folklore. (*Scoffern*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 250; BB p. 270; BM 4: 1883; CSP 5: 601; Desmond p. 549; GR p. 413; Jackson p. 43; Kelly p. 210; LS 24514; Rehder 1: 90.

BIOFILE: Anon., Brit. Mus., Gen. cat. print. books 217: 54-55. 1964.
Boase, F., Modern Engl. biogr. 3: 445. 1965 (b. 9 Oct 1814, d. 14 Feb 1882).

11.543. John Cassel's educational course. *Outlines of botany.* Including a description of mosses, lichens, fungi, ferns, and seaweeds ... London (Kent and Co., ...) s.d. [1857]. Oct. (*Outlines bot.*).
Publ.: 1857 (fide BM 4: 1883), p. [iii]-vi, [vii], [1]-297. *Copy*: NY.
Other issue: s.d., p. [iii]-vi, [viii], [1]-297. *Copies*: MICH, PH, USDA. – No reference to "John Cassell's ... course", London (Cassel, Petter and Galpin, ...). Oct.

Scofield, Carl Schurz (1875-1965), American agricultural botanist; B.S. Univ. Minnesota 1900; with the USDA in various functions 1900-1945. (*C. Scofield*).

HERBARIUM and TYPES: US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 250 (b. 5 Feb 1875); BM 4: 1883; Bossert p. 358; Kelly p. 257; LS 24513.

BIOFILE: Anon., Who's who Amer., 6: 1697. 1910-1911, 7: 1856. 1912-1913, 8: 2078. 1914-1915, 9: 2183. 1916-1917, 10: 2410. 1918-1919, 12: 2746. 1922-1923, 13: 2848. 1924-1925, 14: 1700. 1926-1927, 15: 1854. 1928-1929, 17: 2044. 1932-1933, 18: 2110. 1934-1935, 19: 2169. 1936-1937, 20: 2215. 1938-1939, 21: 2299. 1940-1941, 22: 1950. 1942-1943, 23: 1886. 1944-1945, 24: 2100. 1946-1947, 25: 2198. 1948-1949, 26: 2449. 1950-1951, 27: 2158. 1952-1953, 28: 2380. 1954-1955, 29: 2288. 1956-1957, 30: 2401.

1958-1959, 31: 2573. 1960-1961, 32: 2781. 1962-1963; Who was who Amer. 4: 842. 1961-1968.
Cattell, J.M., ed., Amer. men Sci. ed. 2: 416. 1910, ed. 4: 870. 1927, ed. 5: 990. 1933, ed. 6: 1258. 1938, ed. 7: 1578. 1944, ed. 8: 2212. 1949, ed. 9. 2: 1002. 1955.
Kearney, T. H., Leafl. W. Bot 8(12): 10. 1958 (portr.).

11.544. *The Algerian durum wheats*: a classified list, with descriptions ... Washington (Government Printing Office) 1902. Oct. (*Alger. durum wheats*).
Publ.: Jan-Mai 1902 (p. 2: 8 Nov 1901; Nat. Nov. Jun(1) 1902; Bot. Centralbl. 3 Mar 1903; Nat. Nov. Jun 1902), p. [1]-48, *pl. 1-18. Copies*: BR, G, HH, M, USDA, U.S. Dept. Agric., Bur. Pl. Industry Bull. 7.

Scopoli, Joannes Antonius [Giovanni Antonio] (1723-1788), Austrian-Italian (Tirol-born) physician, chemist and botanist; educated at Trento (Trient) and Innsbruck; studied medicine at the Innsbruck medical college; Dr. med. 1743; practicing medicine in Cavalese, Trento and Venice; from 1751-1753 in Graz and Seckau; state doctor's examination Wien 1754; state physician at Idria (Krain, Carniola, now part of Slovenia) 1754-1767; professor of mineralogy and metallurgy at Schemnitz (Baňska Štiavnica, now Czechoslovakia) 1767-1776; professor of chemistry and botany at Pavia 1776-1788. (*Scop.*).

HERBARIUM and TYPES: Scopoli herbarium specimens are at LINN (set received by Linnaeus), C (through M. Vahl), M (some lichens through J.C. Schreber), UPS (in herb. Thunberg some plants grown in Upps. garden from seeds sent by S.), B (some material in pre-1943 general herb., mainly destr.), MPU (through Lapeyrouse). – The Scopoli material in the Moretti herbarium at PAV has not been retraced; R. Tomaselli stated in 1971 (in a letter to Yoshimura, fide P. Isoviita) that the material was destroyed during World War II. – A possible further source of Scopoli material may be P-HAL.– Letters at G.

NAME: We accept Joannes Antonius Scopoli as the most likely variant spelling of Scopoli's name (German: Johann Anton, Italian: Giovanni Antonio). He signed himself this way as is clear from the autograph reproduced by Voss (1882, p. 19). We have no information on the names registered on baptism. Scopoli was born in Cavalese, Fleimserthal, Tirol, Austria (1723) now Val di Fiume, Trentino-Alto Adige, Italy. Scopoli's father was called Franz Antonius.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 177, 6(2): 951; Ainsworth p. 347 [index]; Backer p. 523; Barnhart 3: 250 (b. 3 Jun 1723, d. 8 Mai 1788); BM 4: 1883-1883, 8: 1169; Bossert p. 358; CSP 5: 602; Dawson p. 738, 761, 956 (index); Dryander 3: 23, 32, 47, 154, 205, 219, 227, 305, 326, 431, 434, 533, 638; DTS 1: 277, 6: 197; Frank 3 (Anh.): 95; GF p. 76; GR p. 440, *pl.* [*23*]; GR, cat. p. 71; Hawksworth p. 185, 197; Hegi 4(1): 410, 4(3): 1544, 5(4): 2569, 6(1): 34; Herder p. 477 (index); Hortus 3: 1204; Jackson p. 265; Kanitz 51; Kelly p. 210; Lasègue p. 342, 358, 535; LS 24515-24522; NI 1822-1824; PR 8552-8558, 10288, ed. 1: 9502-9508; Quenstedt p. 392; Rehder 5: 788; RS p. 141; Saccardo 1: 151, 2: 99-100, cron. xxxii; SBC p. 132; SO see index p. 49; Stevenson p. 1257; TL-1/1213-1217; TL-2/2014, see P.A. Pourret; Tucker 1: 641-642; WU 33: 210-215; Urban-Berl. p. 395; Zander ed. 10, p. 715, ed. 11, p. 816.

BIOFILE: Ambrosi, F., Bull. Soc. ven.-trent. Sci. nat. 4: 141-145. 1889 (biogr.).
Anon., Allg. Konst-Letter-Bode 1(6): 41. 1788 (d.); Arch. Geogr. Hist. Staats- Kriegskunst 7(106-107): 439-441. 1816 (obit.); Atti Ist. bot. Univ. Pavia ser. 2. 4: frontisp. 1897 (portr.); La Bibliofilia, Firenze 56(1): 63. 1954 (Mus. Hist. nat. Paris acquired original plates of fungi painted by Thomas Hofmann for the *Flora carniolica*); Brit. Mus., Gen. cat. printed books 217: 69-70. 1964; Cat. gén. livr. Bibl. natl. 168: 960-963. 1946; Wiener med. Monatschr. 1: 120-121. 1789 (d.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 255.12. 1980.
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fungorum Carnioliae, 1760, 189 figs. on 46 plates, illustrations fungi in Fl. carniol. ed. 1. 1760).
Cobelli, G. de, Alcune lettere inedite dirette a Giovanni Antonio Scopoli. xxvii. Pubbl. Museo civico Rovereto 1895, 43 p. (letters by P. Arduino, C. Allioni, S.J. Brugmans, Th. Brunnich, A. Castiglioni, L. Castiglioni, G.A. Coronino, G.A.P. v. Hochenwacht, A.A. Fortis, N.J. Jacquin, A.L. de Jussieu, G. v. Swieten; list of 221 letters).
Cobelli, G. de & Delaiti, C., Lettere inedite di Carlo Linneo a Giovanni Antonio Scopoli. xv. Publ. Museo Civ. Rovereto, 1889 (n.v.).
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Fries, Th.M., Bref Skrifv. Linné 1(3): 140, 255. 1909, 1(5): 176. 1911, 1(6): 32, 40, 70. 1912.
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 280. 1938 (dir. bot. gard. Pavia 1777-1788).
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Guglia, O., Fl. carniol. ed. 2. facsimile ed. 1972, 1: [iii]-xxii (biogr., portr., handwriting, bibl.).
Hanbelt, J., Sb. Dejiny Přír. Věd. Tech. 8: 181-199. 1963 (Scopoli and Lomonosov).
Hausmann, F. v., Fl. Tirol 1170. 1854.
Hertel, H., Mitt. Bot. München 16: 434. 1980 (some lich. at M through Schreber).
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Mayer, E., Proteus, Ljubljana 34: 307-308. 1972 (fid. Excerpta botanica; extr. letter Scopoli to Linnaeus).
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Nicolas, J.P., *in* G.H.M. Lawrence, Adanson 1: 60. 1963 (corr. with Adanson).
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Scopoli, G.A., Delic. fl. faun. Insubr. 3: 79-87. 1788 (autobiogr.).
Stafleu, F.A., Taxon 12: 77-78. 1963; Linnaeus and the Linnaeans 18, 192-197, 272. 1971.
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Tinaeus, J., Chem. Ann. [ed. L. Crell] 2(12): 534-541. 178 (memorial statement).
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Zischka, G.A., Allg. Gelehrt.-Lex. 593. 1961.

HANDWRITING: *Flora carniolica*, facsimile ed. 1972, introd. by Otto Guglia *pl. 7*; Candollea 33: 379-380. 1978;
S. Savage, Cat. Linn. Herb. fig. 1945.

EPONYMY: *Scopolia* N.J. Jacquin (1764, *nom. cons.*); *Scopolia* J.R. Forster et J.G.A. Forster (1776); *Scopolia* Linnaeus f. (1782); *Scopolia* J.E. Smith (1790). *Note*: *Scopolia* Adanson (1763, *nom. rej.*) and *Parascopolia* Baillon (1888) probably also commemorate Scopoli, but etymology was given.

11.545. *Methodus plantarum* quam divina favente clementia decreto, authoritate, et consensu illustrissimorum, perillustrium, magnificorum, spectabilium & clarissimorum virorum, perillustris, ac magnifici domini Universitatis rectoris, illustrissimi, magnifici, ac clarissimi domini domini inclytae Facultatis medicae praesidis, perillustris spectabilis, clarissimi, inclytae Facultas medica domini decani, venerabilis domini senioris, dd. Sacrae caesareae Majestatis consiliariorum, ac archiatrorum, nec non clarissimorum dd. professorum, adeoque totius amplissimi dd. medicorum collegii, in antiquissima, ac celeberrima Universitate Viennensi, publicae disputationi subjecit Joannes Antonius Scopoli, Tyrolensis, AA. LL. Philosophiae & Medicinae Doctor. Die [26, mss] Mensis [Martii h. 4., mss] Anno M.DCC.LIV. Viennae Austriae [Wien] [Typis, Joannis Petri von Ghelen, ...) [1754]. Qu. (*Meth. pl.*).
Publ.: 25 Mar 1754, p. [1]-28. *Copies*: B-S, HH; IDC 5735. Dandy 1967: "Genera grouped, but mostly not individually defined, in a diagnostic key. The preface states that Tournefort's names are usually retained, so that those previously published with definitions by Tournefort, are validly published".

11.546. Joannis Antonii Scopoli ... *Flora carniolica* exhibens plantas carniolae indigenas et distributas in classes naturales cum differentiis specificis, synonymis recentiorum, locis natalibus, nominibus incolarum, observationibus selectis, viribus medicis. Viennae [Wien] (sumptibus Joannis Thomae Trattner, ...) 1760. Oct. (*Fl. carniol.*).
Ed. 1: 15 Jun-21 Jul 1760 (p. viii: 15 Jun 1760; TL-1; letters van Swieten in Cobelli 1895; Scopoli sent a copy to Linnaeus on 1 Sep 1760 (see E. Mayer 1972), p. [i-xxii], [1]-607. *Copies*: B-S, BR, FH, FI, G, HH, M, MICH, MO, NY, PH, Stevenson, U, USDA; IDC 5736. – A proposal by Wilmott (1935) to declare names, published in this work, as not validly published, was not accepted by the Amsterdam Botanical Congress (1935). The generic names first published here (after 1753) and provided with a description or reference to an earlier description are validly published by Scopoli; the circumscription and nomenclature of the genera is almost entirely Linnaean; the classification is a natural one, close to that of Haller. There are no binary names for species.
Ed. 2: 1771-1772, 2 vols. "editio secunda aucta et reformata". Wien (Impensis Joannis Pauli Krauss). Oct. (a) vol. 1 dated 1771; vol. 2 dated 1772. *Copies*: BR, GZU, PH. (b) vol. 1 and 2 dated 1772. *Copies*: B, B-S, FH, FI, G, HH, M, MICH, MO, NY, PH, U, USDA.
1: 1771, p. [i-lxxii], [1]-448, [1-16, index, errr.], *pl. 1-22, 22*, 23-32* (uncol. copp.).
1 (other issue): 1772, p. [i-lxxii], [1]-448, [1-16], *pl. 1-22, 22*, 23-32* (id.).
2: Jan-Aug 1772 (GGA 5 Sep 1772), p. [i], [1]-496, *pl. 33-65*. This edition has binary names and is written in the Linnaean tradition in all other respects as well.
Facsimile ed.: 1972, Graz (Akademische Druck- u. Verlagsanstalt), introduction by Otto Guglia.
1: [i]-xxiii, *pl. 1-7*, facsimile [i-lxxii], [1]-448.

2: [i-ii], facsimile [i], [1]-496, *pl. 1-22, 22*, 23-65*.
Note: Original paintings of fungi for Fl. carniolica at Paris, Mus. Hist. nat., see La Bibliofilia, Firenze, 56: 63. 1954.

11.547. Joannis Antonii Scopoli ... *Annus* I. [-V] *historico-naturalis* ... Lipsiae [Leipzig] (sumtib. Christ. Gottlob Hilscheri] 1769 [-1772]. 5 vols. Oct. (*Annus hist.-nat.*).
1: 1769, p. [1]-168.
2: 1769, p. [1]-118.
3: 1769, p. [1]-108.
4: 1770 (GGA 23 Sep 1771; Jenaische Zeit. 2 Sep 1771), p. [1]-150, *2 pl.* (uncol. copp.), chart.
5: 1772 (GGA 21 Nov 1772), p. [1]-112.
Copies: FI, G, M, MO, NY, PH.
Ref.: Mathews & Iredale, Austral. Avian Rec. 5: 57-59. 1923.

11.548. Joann. Ant. Scopoli, ... *Dissertationes ad scientiam naturalem pertinentes*. Pars i. Tentamen mineralogicum de schematibus metallorum. De minera argenti rubra. De sinopi hungarica Sinopi dicta. Plantae subtereaneae [sic] descriptae & delineatae. Pragae [Praha] (sumtibus Wolfgangi Gerle) 1772. Oct. †. (*Diss. sci. nat.*).
Publ.: 1772, p. [1]-120, *pl. 1-46* (uncol. copp.). *Copy*: PH. – Plantae subterraneae on p. 84-120. *pl. 1-46*.

11.549. Joannis Ant. Scopoli ... *Introductio ad historiam naturalem* sistens genera lapidum, plantarum et animalium hactenus detecta, caracteribus [sic] essentialibus donata, in tribus divisa, subinde ad leges naturae ... Pragae [Praha] (apud Wolfgangum Gerle, ...) 1777. Oct. (*Intr. hist. nat.*).
Publ.: Jan-Apr 1777 (RS. p. 141; GGA 24 Oct 1778), p. [i-x], [3]-506, [507-540, indexes]. *Copies*: FI, G, HH, KU, L, M, MO, NY, PH, U; IDC 5737.

11.550. Joann. Antonii Scopoli ... *Fundamenta botanica* praelectionibus publicis accomodata. Papiae [Pavia] (in typographeo Monast. S. Salvatoris ...) 1783. Oct. (*Fund. bot.*).
Ed. [*1*]: 1783 (p. 6: 25 Nov 1782), p. [1]-174, [1, err.], *pl. 1-10* (uncol. copp. J. Lafranchi). *Copies*: B, G, HH, KU, MO, NY.
Ed. [*2*]: 1786 (p. [2]: Jun 1786), p. [i], [1]-188, ["180"], *pl. 1-10* (id.). *Copies*: B-S, HH, NY, US. – Viennae [Wien] (apud Wapplerum bibliopolam) 1786. Oct.
Ed. [*3*]: 1802 (p. 174: 3 Mai 1802), p. [1]-174, *pl. 1-10* (id.). *Copies*: FI, NY. – Venetiis [Venetia] (apud Justinum Pasquali Marii fil. ..) 1802. Oct. – A copy at MO, with the same collation, has an imprint "In Venezia 1802. Presso Giustino Pasquali q. Mario. Con Privilegio".

11.551. *Deliciae florae et faunae insubricae* seu novae, aut minus cognitae species plantarum et animalium quas in Insubria austriaca tam spontaneas, quam exoticas vidit, descripsit, et aeri incidi curavit Joannes Antonius Scopoli ... Pars I [-III] Ticini [Pavia] (ex Typographia Reg. & Imp. Monasterii S. Salvatoris ...) 1786 [-1788]. 3 vols. Fol. (*Delic. fl. faun. insubr.*).
1: Jan-Jun 1786 (TL-1), p. [i*, iii*], i-ix, [1]-85, [86], *pl. 1-25* (uncol. copp.).
2: Feb-Mar 1787 (t.p. 1786; letters Scopoli to A. Castiglioni at PAV dated 4 Feb and 19 Mar 1787; H.W. Lack), p. [i*, iii*], [i-ii], 1-115, *pl. 1-25*.
3: Jan-Sep 1788, p. [i*, iii*], [i-ii], 1-87, *pl. 1-25*.
Copies: BR, FI, G, MO, NY, PH, Teyler, USDA; IDC 5738. – Each volume starts off with an engraved t.p. [i*] and a second t.p. with frontisp. engraving [iii*]. – The plates are engravings of drawings by B. Bordiga, J. Cairoli, J.F. Chiesa and J. Lafranchi. – "Insubria" is cisalpine Gallia (Gallia transpadana, north of the Adda and Ticinus).

Scortechini, Benedetto (1845-1886), Italian clergyman and botanist; in Queensland, Australia 1871-1884 as parish priest in Brisbane, Stanthorpe, Gympie and Roma; later resident in the Logan District; from 1884-1886 Government botanist of Perák, conducting a botanical survey of the Straits Settlements, Malay Peninsula. (*Scortechini*).

HERBARIUM and TYPES: CAL; further material at A, B (mainly destr.), BM, BR, DBN, E, FI, G, K, L, LE, M (lich.), MEL, MO, NA, PAD, SING, U, UC, US.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 392, 523; Barnhart 3: 251 (d. 4 Nov 1886); BB p. 270-271; Bossert p. 358; CSP 11: 370, 18: 643; Desmond p. 546; HR; IH 1 (ed. 2):35, (ed. 3): 40, (ed. 6): 364, (ed. 7): 342; Rehder 5: 788; Saccardo 1: 151, 2: 100; SK 1: xxix, 479-480 (detailed inf.), 4: cxxxvi; TL-2/9906, see R.T. Lowe; Urban-Berl. p. 395.

BIOFILE: Anon., Bot. Gaz. 12: 44. 1887 (d.); Anon., Malpighia 1: 291. 1857; Nature 35: 157. 1887 (d.); Rev. mycol. 9: 123. 1887 (d.).
Beddome, R.H., J. Bot. 25: 321-325. *pl. 278.* 1887 (ferns collected in Perak by S.).
Burkill, I.H., Gard. Bull. Strait Settlem. 4: 131. 1927 (name sometimes wrongly given as Bertold).
Carr, D.J., & S.G.M. Carr, eds., People and plants in Australia 209. 1981.
Maiden, J.H., Rep. Australas. Assoc. Adv. Sci. 12. 381. 1910.
Narayanaswami, V., J. Asiat. Soc. Bengal ser. 2. 27: 329-331. 1933 (provenance Malayan coll.; labelling).
Ridley, H.N., Fl. Malay Pen. 1: xvi. 1922.
Saccardo, P.A. & A.N. Berlese, Atti r. Ist. venet. Sci. 3: 711-722. 1885 (on his Queensland fungi), 6: 388-389. 1887 (note on coll.).
Tryon, H., Proc. R. Soc. Queensland 4: 2-8. 1888 (obit.).
Verdoorn, F., ed., Chron. bot. 2: 21. 1936.

EPONYMY: *Neoscortechia* O. Kuntze (1903); *Neoscortechinia* Pax (1897); *Scortechinia* P.A. Saccardo (1885); *Scortechinia* J.D. Hooker (1887); *Scortechinia* P.A. Saccardo (1891); *Scortechiniella* von Arx et E. Müller (1954); *Scortechiniellopsis* A. Sivanesan (1974). – According to Backer (p. 523) Scortechini's first name was sometimes given erroneously as Bertold, hence the eponym *Oberonia bertoldi* King.

Scott, Arthur Moreland (1888-1963), English civil engineer and amateur phycologist; settled in the United States; ultimately in New Orleans; published on Desmidiaceae from 1942 onward. (*A.M. Scott*).

HERBARIUM and TYPES: FH, incl. 63 original drawings. – Vials of Desmids went to G.W. Prescott, East Lansing, Mich.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 251 (b. 25 Jan 1888); Bossert p. 358; Rehder 5: 788; Roon p. 101.

BIOFILE: Prescott, G.W., Rev. algol. ser. 2. 7(2): 119-121. 1964 (obit., portr., bibl.).
Scott, A.M., Private comm. to senior author 1957 (list of publ. from 1942).

EPONYMY: *Amscottia* Grönblad (1954); *Scottia* Grönblad (1954).

Scott, Dukinfield Henry (1854-1934), British palaeobotanist; BA Oxford 1876; Dr. phil. Würzburg 1881 (with J. Sachs); lecturer University College London 1882-1884; assistant professor of botany Royal College of Science, London 1885-1892; hon. keeper Jodrell Laboratory, Kew 1892-1906; in retirement at Oakley nr Basingstoke; FRS 1894; Royal medal 1906, Darwin medal 1926, gold medal Linnean Soc. 1928. (*D.H. Scott*).

HERBARIUM and TYPES: BM (Geol. Dept.); further fossil material in NMW. – Letters at FH, G.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 329-330; Barnhart 3: 251 (b. 28 Nov 1854, d. 29 Jan 1934); BJI 1: 54, 2: 162; BM 4: 1885, 8: 1170; CSP 11: 370, 18: 643-644; Desmond p. 547; De Toni 1: cxv; DNB 1931-1940: 796-797; DSB 12: 258-260 (C.W. Wardlaw); KR p. 632; LS 24523, 39089; Moebius p. 143, 144, 381; Quenstedt p. 392; Rehder 5: 789; Tucker 1: 642, 3: 275.

BIOFILE: Andrews, H.N., The fossil hunters 18, 97-100, 380. 1980.

Anon., Bot. Centralbl. 26: 176. 1886 (professor at "Normal School of Science", London), 51: 400. 1892 (to Jodrell Laboratory), 71: 112. 1897 (FRS), 104: 32. 1906 (Dr. h.c. Aberdeen); Bot. Monatschr. 15: 276. 1897 (fellow Roy. Soc.); Brit. Mus., Gen. cat. print books 217: 412-413. 1964; Bull. misc. Inf. Kew 1906: 383 (relinquished post Hon. Keeper Jodrell Laboratory), 1928: 78 (Wollaston Medal), 1930: 328 (Hon. Fellow R. Soc. Edinburgh), 1934: 96, 128-133 (d.; obit., bibl.).; Hedwigia 74: (140). 1934 (d.); J. Kew Guild 1934: 376-377. (obit.); Nature 50: 56. 1894 (curr. vit.), 133: 167 (d.), 317-319 (obit.). 1934; North Western Natural. 9(1): 59-61. 1934(obit.); Proc. Bournemouth nat. Sci. Soc. 26: 73. 1934 (obit. not., portr.); Who's who (London) 1897-1934; Who was who 3 (1929-1940): 1207.
Arbor, A., Nature 174: 992-993. 1954 (general biogr. account).
Bower, F.O., Sixty years of botany (875-1935), London 1938, p. 66-71 (portr.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 435 [index]. 1980.
Dörfler, I., Botaniker-Porträts 16. 1906 (portr.).
Gothan, W., Ber. deut. bot. Ges. 52: (206)-(209). 1934 (obit., bibl., portr.).
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Mägdefrau, K., Gesch. Bot. 133, 207, 248, 298, fig. 129. 1973.
Oliver, F.W., Makers of British botany 243-260. 1913; New Phytol. 33(2): 73-76. 1934 (obit.); Ann. Bot. 49: 823-840. 1935 (obit.; bibl. of 154 items by W.N. Edwards and F.M. Wonnacott).
Rendle, A.B., J.R. microsc. Soc. 54(1): 32-34. 1934 (obit.; portr.); J. Bot. 72: 83-88. 1934 (obit.).
Sahni, B., Current Sci. 2: 392-395. 1934 (obit., portr.), J. Indian bot. Soc. 13: 305-309. 1934 (obit., portr.).
Scott, D.H., New Phytol. 24(1): 9-16. 1925 (German reminescences of the early eighties; autobiographical).
Seward, A.C., Obit. Notices Fellows R. Soc. London 1934: 205-227 (major biogr. account; "the characteristic of a German University [i.e. Würzburg] which impressed Scott most deeply was the dominance of research over mere learning, ...").
Verdoorn, F., ed., Chron. bot. 1: 166-167. 1935 (d., portr.), 3: 159. 1937, 6: 190, 416. 1941, 7: 142, 175. 1943; Man. Pterid. 639 [index]. 1938.
Weiss, F.E., Proc. Linn. Soc. 1933/34: 166-169. 1934 (obit., portr.).

COMPOSITE WORKS: (1) Editor, *Annals of Botany* 7 (Mar 1893)-47 (Oct 1933).
(2) With W.C. Williamson. *Further observations on the organization of the fossil plants of the coal-measures*, 3 parts 1895-1896, see under Williamson.
(3) Translated and annotated (with F.O. Bower) H.A. de Bary, *Comparative Anatomy of the vegetative organs of the phanerogams*, 1884 (orig. *vergleichende Anatomie der Vegetationsorgane der Phanerogamen und Farne* in W.F.B. Hofmeister, Handb. physiol.-Bot. 3, 1877).

NOTE: D.H. Scott married (1887) Henderina Victoria Klaassen (x-1929). Mrs. Scott was also a botanist and drew a number of illustrations for her husband's *Intr. struct. bot.* and *Stud. foss. bot.*; she was one of the earliest Lady-Fellows of the Linnean Society of London (1905), see Desmond p. 547 and A.R. Rendle, J. Bot. 67: 57. 1929.

11.552. *Zur Entwickelungsgeschichte der gegliederten Milchröhren der Pflanzen.* Inaugural-Dissertation der Hohen Philosophischen Facultät der Kgl. Julius-Maximilians-Universität Würzburg zur Erlangung der Doctorwürde vorgelegt von Dukinfield Henry Scott B.A. Oxon. Würzburg (Druck der Stahel'schen Buchdruckerei) 1881. Oct. (*Entw.-Gesch. geglied. Milchröhre*).
Thesis: 1881 (t.p.; Nat. Nov. Oct(3) 1881), p. [1]-23. *Copies*: B-S, HH, MO, PH.
Journal publ.: Arb. bot. inst. Würzburg 2: 648-664. 1882.
English transl.: Quart. J. micr. Sci. 22: 136-153. *pl. 10.* 1882 (plate added; abstract J.R. microsc. Soc. ser. 2. 2. 73. 1882).

11.553. *An introduction to structural botany (flowering plants)* ... London (Adam and Charles Black) 1894. Oct. (*Intr. struct. bot., fl. pl.*).
Ed. [*1*]: Apr 1894 (p. viii: 27 Feb 1894; Apr 1894 fide note in ed. 6; Bot. Zeit. 16 Jul 1894; rev. G.M.; J. Bot. 32: 217-218. Jul 1894), p. [i]-xii, [1]-288. *Copy*: NY.
Ed. 2: Nov 1895 (note in ed. 6).

Ed. 3: Apr 1896 (note in ed. 6).
Ed. 4: Jun 1897 (p. [v]: 12 Mar 1897; note in ed. 6), p. [i]-xii, [1]-290. *Copy*: USDA. – "Part i. Flowering plants".
Ed. 5: Jun 1899 (p. v: 10 Apr 1899; date of publ. in note ed. 6), p. [i]-xii, [1]-290. *Copy*: PH.
Ed. 6: Feb 1902 (p. [v]: 12 Nov 1901), frontisp., p.[i]-xii, [1]-290. *Copy*: USDA.
Ed. 6 (reprint): Jan 1906 (note on p. iv), frontisp., p. [i]-xii, [1]-290. *Copy*: BR.
Ed. 7: 1909.
Ed. 8: 1912 (p. [v]: 18 Oct 1912), p. [i]-xii, [1]-290. *Copy*: NY.
Ed. 9: 1917.
Ed. 10: 1920.
Ed. 11: 1927 (p. v: 4 Feb 1927; rev. J. Bot. 65: 325-326. Nov 1927), p. [i]-xii, [1]-308. *Copies*: HH, MO, NY, USDA. – *An introduction to structural botany* part i flowering plants by Dukinfield Henry Scott ... and F.T. Brooks [Frederick Tom Brooks, 1882-1952] ... London (A. & C. Black, Ltd.) 1927. Oct.
Ed. 12: 1937 (p. vii: 27 Mar 1937; Nat. Nov. Jul 1938).
Ed. 13: 1943 (p. vii: 16 Mar 1943), p. [i]-xiv, [1]-274.
Ed. 14: 1948, p. [i]-xiv, [1]-274.

11.554. *An introduction to structural botany* part ii *flowerless plants* ... London (Adam and Charles Black) 1896. Oct. (*Intr. struct. bot., fl.-less pl.*).
Ed. [1]: Nov 1896 (p. viii: 12 Oct 1896; note in ed. 11; Bot., Zeit. 1 Jan 1897; Bot. Centralbl. 24 Nov 1896; Hedwigia Jan-Feb 1897; rev. G.M., J. Bot. 35: 26-27. Jan 1897; Nat. Nov. Dec(1) 1896), p. [i]-xv, [1]-312. *Copy*: NY.
Ed. 2: Nov 1897 (p. v: 23 Jul 1897; note in ed. 5; Bot. Zeit. 1 Feb 1898; Bot. Centralbl. 30 Dec 1897; ÖbZ for Jan-Feb 1898; Nat. Nov. Jan 1898), p. [i]-xv, [1]-312. *Copy*: USDA.
Ed. 3: Jan 1800 (p. [ix]: 2 Oct 1899; t.p. 1899, note in ed. 5; Nat. Nov. Jul(2) 1900), p. [i]-xv, [1]-312. *Copy*: PH.
Ed. 4: Nov 1903 (p. v: 9 Sep 1903; Nov 1903 fide ed. 5; t.p. 1904), p. [i]-xv, [1]-316. *Copy*: USGS.
Ed. 5: Nov 1907 (p. iv so dated; preface 11 Oct 1907), p. [i]-xv, [1]-316. *Copy*: BR.
Ed. 6: 1912 (p. v: 13 Nov 1911), p. [i]-xv, [1]-316. *Copy*: NY.
Ed. 7: 1917.
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Ed. 10: 1932 (MO rd 14 Jan 1933; p. vi: Apr 1932; Nat. Nov. Jan 1933), p. [i]-xvi, [1]-332. *Copies*: B-S, MO, NY, USDA. – *Flowerless plants* part ii. of an introduction to structural botany ... re-edited by F.T. Brooks [Frederick Tom Brooks, 1822-1952]. London (A. & C. Black, Ltd ...) 1932. Oct.
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Ed. 12: 1955.

11.555. *On the structure and affinities of fossil plants from the palaeozoic rocks* ... London (published for the Royal Society by Dulau and Co., ...) 1897-1901, 4 parts. Qu.
Publ.: 1897-1901, a series of five publications in the Philos. Trans. R. Soc. London series B and to be cited from that journal. *Copies*: E, G, HH, USGS.
[*1*]: 3 Nov 1897 (date on cover), cover-t.p., p. [1]-34, *pl. 1-6*. – Trans. 189: 1-34, *pl. 1-6*. 1897. "*On Cheirostrobus*, a new type of fossil cone ..." Abstracts: Proc. R. Soc., London 60: 417-424. 1897, Ann. Bot. 11: 168-175. 1890.
[*2*]: 8 Mar 1898 (date on cover), cover-t.p., p. [83]-106, *pl. 12-15*. – Trans. 189: 83-106. *pl. 12-15*. 1898. – "*On Spencerites*, a new genus of Lycopodiaceous cones ...". – Abstracts: Proc. R. Soc., London 62: 166-167. 1898, Ann. Bot. 11: 590-593. 1898.
3: 10 Jul 1899 (date on cover; Bot. Zeit. rev. 16 Oct 1899), cover-t.p., p. 81-126, *pl. 5-13*, errata slip. – Trans. 191: 81-126, *pl. 5-13*. 1899. – "*On Medullosa anglica*, a new representative of the Cycadofilices". – Abstracts: Proc. R. Soc., London 64: 249-253. 1899, Ann. Bot. 13: 183-187. 1900.
4: 31 Dec 1901 (see p. 291), cover-t.p., p. 291-333, *pl. 38-43*. – Trans. 194: 291-333; *pl. 38-43*. – "The seed-like fructification of *Lepidocarpon*, ..." – Abstracts: Proc. R. Soc., London 68: 117. 1901; Geol. Mag. 418: 174-175. 1901.

5: 7 Jun 1905 (see p. 17; Bot. Zeit. rev. 15 Sep 1905), cover-t.p., p. 17-39, *pl. 3-5*. – Trans. 198: 17-39, *pl. 3-5*. 1905. – "On a new type of Sphenophyllaceous cone". – Abstracts: Proc. R. Soc., London 74: 314-315. 1904, Ann. Bot. 19: 168-169. 1905.

11.556. *Studies in fossil botany* ... London (Adam and Charles Black) 1900. Oct. (*Stud. foss. bot.*).
Ed. [*1*]: Sep 1900 (p. viii: 20 Jun 1900; PH rd 14 Feb 1901; note in ed. 2; Bot. Centralbl. 24 Oct 1900), p. [i-ii], frontisp., p. [iii]-xiii, [1]-533. *Copies*: FH, G, HH, MO, PH, USGS.
Ed. 2: 1908-1909, in two volumes (also issued as a whole 1909), vol. 1: Pteridophyta, vol. 2: Spermatophyta. – London (Adam and Charles Black) 1908, 1909. Oct. *Copies*: FH, G, MO, NY, USGS.
1: Apr 1908 (p. ii, p. vii: 12 Mar 1908; Bot. Zeit. 16 Jun 1909), frontisp., p. [i-ii], frontisp., [iii]-xx, [1]-363.
2: Mai 1909 (p. iv, p. vi: 11 Mar 1909; Bot. Centralbl. 17 Aug 1909), p. [i-ii], frontisp., [iii]-xiii, 355-676.
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Ed. 3: 1920-1923, in two volumes. Vol. 1: Pteridophyta, vol. 2: Spermatophyta. – London (A. & C. Black, Ltd.) 1920, 1923, Oct. *Copies*: BR, G, HH, MO, NY, U, USGS.
1: Sep 1920 (p. vii: 28 Jul 1920; p. iv: publ. Sep 1920), p. [i-ii], frontisp., [iii]-xxiii, 1-434.
2: 1923 (p. vi: 10 Apr 1923; ÖbZ for Jun-Sep 1925), p. [i-ii], frontisp., [iii]-xvi, 1-446.
Facsimile ed. 3: 1962, Hafner Publishing Company, New York. *Copy*: B.
Russian transl. ed. 3: 1927, Moscow, *Evoliutsiia rastitel'nugo mira.*
Ref.: Brown, I., Bot. Centralbl. 111: 303-304. 21 Sep 1909, 374-378. 12 Oct 1909 (rev.).
Coulter, J.M., Bot. Gaz. 30: 352-354. 15 Nov 1900 (rev.).
Solms, H., Bot. Zeit. 58: 343-344. 16 Nov 1900 (rev.), 66: 364-365. 1 Dec 1908 (rev.).
Thomas, H.H., J. Bot. 59: 53-55. 1921, 62: 28-29. 1924 (rev.).
W.C. [Carruthers], J. Bot. 38: 145-146, 447-449. 1900 (rev.).

11.557. *On the structure of the palaeozoic seed Lagenostoma lomaxi*, with a statement of the evidence upon which it is referred to Lyginodendron ... London (published for the Royal Society ...) 1904. Qu. (*Struct. Lagenostoma lomaxi*).
Co-author: Francis Wall Oliver (1864-1951).
Publ.: 17 Aug 1904 (date on cover and on p. 193), cover-t.p., errata slip, p. 193-247. *pl. 4-10*. *Copy*: U. – Issued as Philos. Trans. Roy. Soc. London ser. B. 197: 193-247, *pl. 4-10*. 1904.

11.558. *The early history of seed-bearing plants*, as recorded in the Carboniferous flora. (The Wilde lecture). Manchester (36, George Street) 1905. Oct. (*Early hist. seed-bear. pl.*).
Publ.: 15 Mai 1905 (t.p.), cover, p. [1]-32, *pl. 1-3*. *Copy*: G. – Issued as Mem. Proc. Manchester philos. Soc. 49(3).

11.559. *The evolution of plants* ... New York (Henry Holt and Company), London (Williams and Norgate) [1911]. Oct. (*Evol. pl.*).
Publ.: 1911 (J. Bot. rev. Jun 1911; Nat. Nov. Jun(2) 1911), p. [1]-256. *Copies*: HH, MO, NY, USDA, USGS.
Other issue: 1911 (PH rd 27 Mar 1912; Torrey rev. 10 Nov 1911), p. [i]-v, 7-256. *Copies*: B-S, G, PH. – London (Williams and Norgate), New York (Henry Holt & Co.), Toronto (Wm. Briggs) ... Home University library of modern knowledge.
Ref.: Gager, C. Stuart, Torreya 11: 236-239. 10 Nov 1911 (rev. other issue).
Gerard, J., J. Bot. 49: 199-200. Jun 1911 (rev.).

11.560. *On Botrychioxylon paradoxum*, sp. nov., a Paleozoic fern with secondary wood ... London (Printed for the Linnean Society ...) 1912. Qu. (*Botrychioxylon paradoxum*).
Publ.: Jul 1912 (cover), cover-t.p., p. 373-389, *pl. 37-41*. *Copy*: U. – Issued as Trans. Linn. Soc. London ser. 2., Bot., 7(17). 1912.

11.561. *Extinct plants and problems of evolution* founded on a course of public lectures delivered at the University College of Wales. Aberystwyth, in 1922 ... London (Macmillan and Co., ...) 1924. (*Extinct pl. probl. evol.*).
Publ.: 1924 (p. x: 26 Oct 1923; ÖbZ for Jul-Sep 1924; J. Bot. rev. Sep 1924), p. [i-iv], frontisp., [v]-xiv, [1]-240. *Copies*: B-S, G, HH, MO, NY, U, USGS.
Ref.: Thomas, H.H., J. Bot. 62: 281-282. Sep 1924.

Scott, John (1838-1880), Scottish botanist and gardener; trained at Edinburgh; curator of the botanic garden Calcutta 1865-ca. 1879. (*Jo. Scott*).

HERBARIUM and TYPES: CAL; further material at K. – Some letters at K.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 294; Barnhart 3: 252; BB p. 271; CSP 5: 606, 8: 912, 11: 370, 12: 668-669; Desmond p. 547 (d. 10 Jun 1880); Langman p. 690; Morren, ed. 2, p. 38; Rehder 5: 789; SK 1: 480, 5: 85, 8: lxxxviii; Tucker 1: 642, 3: 275.

BIOFILE: Anon., Bot. Not. 1881: 39 (d.); Bot. Zeit. 38: 543. 1880 (d.); Bull. Soc. bot. France 27 (bibl.): 231. 1881 (d.); Gard. chron. ser. 2. 13: 794. 1880 (d.).
Bor, N.L., Kew Bull. 1954(3): 453-460 (Royle's *Agrostis*).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 42.6, 42.10. 1980.
Burkill, I.H., Gard. Bull. Strait Settlem. 4: 131. 1927 (on coll.); Chapters on the history of botany in India 131, 133, 136, 145, 168, 169. 1965.
Darwin, F, ed., More letters of Charles Darwin 1: 217-222. 1903, 2: 302-332. 1903 (corr. Scott-Darwin).
Gorrie, W., Trans. bot. Soc. Edinburgh 14: 160-161. 1883 (obit.).
Veendorp, H. & Baas-Becking, L.G.M., Hort. acad. lugd.-bot. 1587-1937, p. 129. 1938.

11.562. I. *Notes on the tree ferns of British Sikkim*, with descriptions of three new species, and a few supplemental remarks on their relations to Palms and Cycads. By John Scott, curator of the Royal Botanical Gardens, Calcutta ... [Trans. Linn. Soc., London 30, 1874]. Qu.
Publ.: 4 Jul 1874 (read 17 Feb 1870), p. [1]-44, *pl. 1-18* (W.H. Fitch). *Copy*: BR. – Reprinted and to be cited from Trans. Linn. Soc. London 30: 1-44. 1874.

11.563. *Untersuchungen über einige indische Loranthus-Arten* und über den Parasitismus von Santalum album ... [Bot. Zeit. 32, 1874]. Qu.
Translator and editor: Hermann Maximilian Carl Ludwig Friedrich Graf zu Solms-Laubach (1842-1925).
Publ.: 27 Feb, 6 Mar 1874 (in journal), col. [1]-14, [15-16, colo.]. *Copy*: G. – Reprinted and to be cited from Bot. Zeit. 32: 129-137. 27 Feb, 145-150. 6 Mar 1874. – "Im Auszuge mitgetheilt und theilweise übersetzt". In part translated from J. Agr. Hort. Soc. India 2(1): 257-296. 1871.

Scott-Elliot, George Francis (1862-1934), India-born British botanist; BA Cambridge 1882; botanist on the French and English Delimitation Commission of the Sierra Leone Boundary 1891-1892; in East Africa 1893-1894; lecturer in botany Glasgow Royal Technical College 1896-1904. (*Scott-Elliot*).

HERBARIUM and TYPES: Mainly at BM and K (3251 W. Afr. and mss.); further material at A, B (mainly destr.), CAL, E, GH, LE, MO, MPU (lich.), NH, NY, P. – Letters at G.

NOTE: First listed by us as Elliott [sic, error], George Francis Scott in TL-2/1: 740-741. This is a corrected entry. Often listed under Elliot, but since the author wrote his name "G.F. Scott-Elliot" on the title-page of his *Fl. Dumfriesshire* we treat him here under Scott-Elliot.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 504; BL 1: 53, 294, 2: 292, 299, 650; BM 2: 522, 6: 299; CSP 14: 820-821; Desmond p. 548 (b. 6 Jan 1862, d. 20 Jun 1934); GR p.

397; Hortus 1204; IH 2: 181; LS 7834-7836; Nordstedt suppl. p. 6; Tucker 1: 227; Urban-Berl. p. 395-396.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 60: 867-868. 1960; Bull. misc. Inf. Kew 1893: 145, 1895: 77-78 (rep. Ruwenzori Exp.), 1897: 304, 1898: 284-285, 286 (coll.); Geogr. J. 84(3): 280. 1934 (obit. not.); Nat. Nov. 19: 264. 1897 (app. Glasgow); North Western Natural. 9(3): 282-289, 390-398. 1934; Trans. J. Proc. Dumfriesshire; Nat. Hist. Soc. 1936: 351-352 (obit.).
Ellis, Glasgow Natural. 12(2): 128-130. 1936 (obit.).
Exell, A.W. et al., Bol. Soc. Broter. ser. 2. 26: 219. 1952 (coll. Portug. Africa).
Gledhill, D., Taxon 18: 425-428. 1969 (itin. W. Africa).
Gomes e Sousa, A. de F., Moçambique 27: 26-31. 1941.
Gunn, M. & L.E. Codd, Bot. expl. S. Afr. 320. 1981.
Hepper, F.N. & F. Neate, Plant collectors in West Africa 73-74. 1971.
Hermes, Commerce (London) 1895: 693-695.
Humbert, H., Not. syst. 13(3): 163. 1948.
Rendle, A.B., J. Bot. 72: 233-235. 1934 (obit.).
Scott-Elliot, G.F., Geogr. J. 4(4): 349-352. 1894 (report on Ruwenzori Exp.); A naturalist in Mid-Africa, London 18986, xvi, 413 p.
Thiselton-Dyer, W.T., Nature 50: 549-550. 1894 (Ruwenzori Exp.).
Verdoorn, F., ed., Chron. bot. 1: 179. 1935, 2: 228. 1936.
Weiss, F.E., Proc. Linn. Soc. 147: 174-175. 1935 (obit.).
White, F., C.R. AETFAT 4: 181-182. 1962 (coll. N. Rhodesia).

COMPOSITE WORKS: Editor, S.P. Oliver, The life of Philibert Commerson 1909.

EPONYMY: *Scottellia* D. Oliver (1893).

11.564. *Report on the district traversed by the Anglo-French Boundary Commission. Sierra Leone. Botany.* (n.v.).
Publ.: 1893, p. 1-60. Colonial Reports. Miscellaneous 1893, no. 3. See also J. Linn. Soc., Bot. 30: 64-100. 1893 for "The botanical results of the Sierra Leone Boundary Commission.
Ref.: Stapf, O., Bot. Centralbl. Beih. 134: 263. 1894.

11.565. *The flora of Dumfriesshire* including part of the stewartry of Kirkcudbright ... Dumfries (J. Maxwell & Son, ...) 1896. Oct. (*Fl. Dumfriesshire*).
Collaborators: James McAndrew (1836-1917), J.T. Johnstone, the Misses Hamay, G. Bell, Robert Service (x-1911), W. Andson, B.N. Peach, T. Horne.
Publ.: 1896 (p. v: 25 Nov 1895; Nat. Nov. ann. Dec 1895; Bot. Zeit. 1 Sep 1896), p. [1]-xl, [1]-219. *Copies*: NY, USDA.

Scotti, Gilberto (1818-1880), Italian botanist. (*Scotti*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 370, 715; Jackson p. 318; Rehder 3: 88; Saccardo 1: 151; Tucker 1: 642.

11.566. *Flora medica della provincia di Como* ... Como (Coi typi di Carlo Franchi) 1872. Oct. (*Fl. med. Como*).
Publ.: 1872, p. [i]-xi, [xii], [1]-836. *Copy*: Natl. Libr. Med.

Scouler, John (1804-1871), Scottish geologist and botanist; surgeon and naturalist on the voyage to Columbia River (American Northwest) 1824-1825 with David Douglas; travelled to Calcutta via the Cape 1826; professor of geology Glasgow 1829-1833; professor of geology, zoology and botany to the Royal Dublin Society 1833-1854. (*Scouler*).

HERBARIUM and TYPES: K (N.W. America), GGO (algae; Scottish and Irish herbarium); further material at BM, DBN, E (incl. Calcutta Voy.), GH, NY, OXF, TCD.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 523; Barnhart 3: 252; BB p. 271; Clokie p. 241; CSP 5: 607; Desmond p. 548 (b. 31 Dec 1804, d. 13 Nov 1871); DNB 51: 122-123 (17: 1060-1061); Lasègue p. 194, 453, 504; LS 468 (John Torrey corr.); ME 3: 397; PR 1196.

BIOFILE: Alden, R.H. & J.D. Ifft, Occ. Pap. Calif. Acad. Sci. 20: 37-38. 1943.
Boase, F., Modern Engl. biogr. 3: 462-463. 1965.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 159.4. 1980.
Gunn, M. & L.E. Codd, Bot. expl. S. Afr. 320. 1981.
Hansen, A., Bocagiana 51: 11. 1980 (called on Madeira).
Hemenway, A.F., Quart. Oregon hist. Soc. 5: 209. 1904.
Hooker, W.J., Amer. J. Sci. 9: 282. 1825 (has left for N.W. America), Flora 9: 376. 1826 (expected back 1826), 12: 185. 1829 (coll. to W.J. Hooker).
Hughes, K.W., Bibl. Oregon Bot. 11. 1940.
Kent, D.H., Brit. herb. 77. 1957 (main herb. at DBN).
Koster, J., Taxon 18: 557. 1969 (algae at Roy. Coll. Sci. Techn. Glasgow).
Lemmon, K., Golden Age plant hunters 162, 167. 1968.
Lloyd, B., Brit. phycol. Bull. 2: 385-386. 1964 (herb. algae at GGO); Glasgow Natural. 18(4): 210-212. 1962, 18(7): 364-365. 1964 (coll. GGO).
McKelvey, S.D., Bot. expl. Trans-Mississippi West 284-298, 1138 [index]. 1955.
Miller, H.S., Taxon 19: 541. 1970 (sale Lambert herb.).
Piper, C.V., Contr. U.S. Natl. herb. 11: 13. 1906.
Porter, D.M., Bot. J. Linn. Soc. 81: 81-82. 1980 (coll. N.W. America).
Praeger, R.L., Some Irish naturalists 153. 1949.
Rigg, G.B., Washington hist. Quart. 20: 163. 1929 (brief note).
Sayre, G., Mem. New York Bot. Gard. 19(3): 396. 1975 (coll.).
Scouler, J., Quart. Oregon hist. Soc. 5: 215-222. 1904, 6: 54-75, 159-205, 276-287. 1905 (Scouler's journal of a voyage to N.W. America); Edinburgh J. Sci. 5: 195-214. 1826, 6: 228-236. 1827 (account voyage Madeira, Brazil, Juan Fernnandez and Galapagos Isl.).
Thomas, J.H., Huntia 3: 9. 1969 (1979).
Young, F.G., ed., Quart. Oregon hist. Soc. 6: 54-75, 159-205, 276-287. 1905 (S.'s journal N.W. America).

EPONYMY: *Scouleria* W.J. Hooker (1829).

Scriba, Julius [Karl] (1848-1905), German (Hessen) physician and botanist; Dr. med. Heidelberg 1875; assistant at Freiburg i. Br. 1875-1879; lecturer ib. 1879-1881 (1870-1871 on active service); professor of surgery at the university of Tokyo 1881-1905. (*J. Scriba*).

HERBARIUM and TYPES: Some material at C, E (herb. Dörfler) and GOET. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 226; Barnhart 3: 253 (d. 3 Jan 1905); BFM 346; Biol.-Dokum. 16: 8554; BM 1: 474; 4: 474, 1886; GR p. 137 (b. 5 Jun 1848, d. 3 Jan 1905); Morren ed. 10, p. 147; Urban-Berl. p. 396.

BIOFILE: Anon., Biogr. Jahrb. 10: 250. 1907 (b. 5 Jun 1848, d. 3 Jan 1905); Jahresb. Leist. Fortschr. ges. med. 40(1): 477. 1906 (obit. not.); Leopoldina 1905: 47-48; Verh. bot. Ver. Brandenburg 46: lxxv. 1905 (d.).
Seitz, A., Natur und Museum 58: 153-155. 1928.
Wagenitz, G., Index coll. princ. herb. Gott. 154. 1982.

EPONYMY: *Scribaea* Borkhausen (1793) was named for Inspector Scriba of Umstadt, Germany.

11.567. *Flora der Blüthen- und höheren Sporen-Pflanzen des Grossherzogthums Hessen* und der angrenzenden Gebiete mit besonderer Berücksichtigung der Flora von Mainz, Bingen, Frankfurt, Heidelberg, Mannheim und Kreuznach, bearbeitet von L. Dosch, Pfarrer ...

und J. Scriba, Pharmaceut ... Darmstadt (Verlag von H.L. Schlapp) 1873. Oct. (*Fl. Hessen*).
Senior author: L. Dosch.
Publ.: 1873 (Flora rev. 21 Oct 1873; Bot. Zeit. 25 Jul 1873),p. [i]-xlii, [xliii-xliv], [1]-640. *Copy*: HH.
Ref.: Lützing, Ad., Flora 56: 478-480. 21 Oct 1873.

11.568. *Excursions-Flora der Blüthen- und hoheren Sporenpflanzen mit besonderer Berücksichtigung des Grossherzogthums Hessen* und der angrenzenden Gebiete für Gymnasien, Realschulen, und Seminarien bearbeitet von L. Dosch ... und Dr. J. Scriba ... Darmstadt (Verlag von H.L. Schlapp) 1878. Oct. (*Excurs.-Fl. Hessen*).
Senior author: L. Dosch.
Publ.: 1878 (p. vi: Mar 1878), p. [i]-lxxix, [1], [1]-572. *Copy*: G.
Ed. 2: 1882 (p. vi: Mar 1878), p. [i]-lxxix, [lxxxi], [1]-572. *Copy*: B.
Ed. 3: Nov 1887 (p. viii: 1 Sep 1888; t.p. 1888; Bot. Centralbl. 12-16 Dec 1887; Nat. Nov. Dec(2) 1887), p. [i]-cviii, *pl. 1-8* with text, [1]-612. *Copies*: B, G, HH. "Dritte vermehrte und mit Abbildungen versehene Auflage. Neu bearbeitet von L. Dosch." Giessen (Verlag von Emil Roth) 1888. Oct.

Scriba, Ludwig Philipp Karl (1847-1933), German (Hessen) mechanical engineer and lichenologist; studied engineering at Zürich (exam. 1867); engineer in various factories in Bremen, Berlin, London and Frankfurt a.M.; started the Höchster Giessereien L. Scriba in 1878; Dr. h.c. Frankfurt a. Main 1927. (*L. Scriba*).

HERBARIUM and TYPES: FR (Cladonia herbarium). – Exsiccatae: *Cladoniae exoticae*. Set at L. – Other material at B (destr.), E, GRA, NMW, M, PH. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 48 (b. 1 Sep 1847, d. 28 Feb 1933), pl. [*17*]; GR, cat. p. 71; Kelly p. 210; LS 24526-24527; MW p. 442; SBC p. 132; Urban-Berl. p. 290-291.

BIOFILE: Conert, H.J., Senckenbergiana, Biol. 48c: 45. 1967 (entire Cladonia herbarium at FR).
Laundon, J.R., Lichenologist 11(1): 17. 1969 (states herb. destr. in B, 1943; Grummann, however, states that the original herbarium went to FR; see also Conert 1967).

Scully, Reginald William (1858-1935), Irish botanist; studied medicine but never practiced, dedicating himself to botany. (*Scully*).

HERBARIUM and TYPES: DBN; some further material at CGE, K, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 253; BL 2: 280, 281, 287; BM 4: 1888; Clokie p. 241; Desmond p. 549 (d. Mai 1935); IH 2: (files); Lenley p. 364; TL-2/6270.

BIOFILE: Kent, D.H., Brit. herb. 77. 1957 (herb. DBN, 5000).
Praeger, R.L., Proc. R. Irish Acad. 7: cxlii. 1901 (bibl.); Botanist in Ireland 78. 1934; Proc. Linn. Soc. 1935-1936: 213. 1936 (obit. not.); Some Irish naturalists 153, *pl. xii*. 1949 (portr.).

COMPOSITE WORKS: See D. Moore, *Contr. Cybele hibern.* ed. 2, 1898 (TL-2/6270), co-editor with N. Colgan.

11.569. *Flora of County Kerry* including the flowering plants, ferns, characeae, &c. ... Dublin (Hodges, Figgis & Co., ...) 1916. Oct. (*Fl. County Kerry*).
Publ.: 1916 (p. vi: Nov 1916; Nat. Nov. Jun(1, 2) 1917), p. [i]-lxxxi, [1]-406, map. *Copies*: HH, MO, NY.
Ref.: Marshall, E.S., J. Bot. 55: 56-59. Feb 1917 (rev.).

Seaton, Henry Eliason (1869-1893), American botanist; BS Wabash Coll., Indiana 1890; MA Indiana Univ. 1893; instructor in botany Indiana University 1891-1892;

assistant curator Gray Herbarium, Harvard University 1892-1893; collected in Mexico 1891 (Mt. Orizaba). (*Seat.*).

HERBARIUM and TYPES: Material at F, GH, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 254 (b. 15 Apr 1869, d. 30 Apr 1893); Hortus 3: 1204; IF p. 730; Langman p. 690; Rehder 5: 789; SIA 221.

BIOFILE: Anon., Amer. J. Sci. ser. 3. 45: 526-527. 1893 (obit. not.); Bot. Centralbl. 52: 112. 1892 (app. asst. curator Harvard Herbarium), 55: 191. 1893 (d.); Bot. Gaz. 18(5): 194. 1893 (obit.); Bot. Jahrb. 16 (Beibl. 37): 20. 1892 (asst. curator Harvard Univ. herb.), 17 (Beibl. 41): 52: 893 (d.).
Deam, C.C., Fl. Indiana 1118. 1910 (coll. at F).
Knobloch, I.W., Prel. list pl. coll. Mexico 88. 1983.

COMPOSITE WORKS: With B.L. Robinson, *Additions to the phaenogamic flora of Mexico*, discovered by C.G. Pringle in 1891-92, 1893, see TL-2/9283.

11.570. *New and little known plants* collected on Mount Orizaba in the summer of 1891 ... Contribution from the Gray Herbarium of Harvard University. New Series, no. iv. 1893. Oct.
Publ.: 5 Jun 1893 (as reprint or preprint), cover-t.p., p. 116-123. *Copies*: HH, U, US. – Preprinted or reprinted from Proc. Amer. Acad. Arts Sci. 28: 116-123. 1893.

Seaver, Fred Jay (1877-1970), American mycologist; MS State Univ. Iowa 1904; assistant Biology Dept. Iowa City 1904-1905; instructor of biology Iowa Wesleyan Univ. 1905-1906; at the New York Botanical Garden 1906-1907; assistant professor of biology Fargo, North Dakota and mycologist to the Fargo Experiment Station 1907-1908; again at the New York botanical Garden from 1908; Dr. phil. Iowa 1912; director of laboratories at NY 1908-1911; curator 1912-1943, head curator 1943-1948, from 1948-1970 curator emeritus; Dr. Sci. h.c. Sioux City, Iowa 1931. (*Seaver*).

HERBARIUM and TYPES: NY. – Seaver left library, collections of fungi and other mycological data to NY on retirement (1943); further herbarium material at DPU, IA (Discomycetes), K and OSC.
Exsiccatae: (1) With Herbert Floyd Bergman (1883-?) *North Dakota fungi*, fasc. 1-2, nos. 1-40, Feb and Aug 1908. Sets at BPI, CUP, F, FH, H, MICH, NDA, NY, OS. (2) With Guy West Wilson (1877-?), *Ascomycetes and lower fungi*, fasc. 1-4, nos. 1-100, 1907-1909, sets at BPI, CUP, FH, H, ISC, MASS, MU, NHES, NY, OC, OS, TRTC, VT. – See Stevenson (1971). – Letters to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 254 (b. 14 Mar 1877); BM 4: 1889; Bossert p. 359; Ewan ed. 1: 158, 302, 304, ed. 2: 198; Hawksworth p. 186; Hirsch p. 270; IF (ed. 2): 88, (ed. 3): 111, (ed. 6): 364, (ed. 7): 342; Kelly p. 210-211, 257; Lenley p. 364-365; LS 24565-24567, 39120-39135, 40630-40631; suppl. p. 25134-25194; Stevenson p. 1257; TL-2/781, 788, 1142, see J.F. Brenckle; Urban-Berl. p. 396.

BIOFILE: Anon., Amer. men sci. ed. 2. 418. 1910, ed. 4. 874. 1927; Hedwigia 45: (77). 1906 (app. Wesleyan coll.), 52: (84). 1912 (app. curator NY); Nat. Nov. 30: 499. 1908 (app. dir. laboratories NY); Newsletter New York Bot. Gard. 5(1): 2. 1971 (d.); Who's who Amer. 18: 2122. 1934-1935, 19: 2181. 1936-1937, 20: 2227. 1938-1939, 21: 2311. 1940-1941, 22: 1960. 1942-1943, 23: 1896. 1944-1945, 24: 2110. 1946-1947, 25: 2209. 1948-1949, 26: 2461. 1950-1951; Who was who Amer. 5: 649. 1969-1973; World Biogr. L-Z: 4283. 1948.
Barnhart, J.H., J. New York Bot. Gard. 12: 140-141. 1911.
Cattell, J.M., Amer. men sci. ed. 2. 418. 1910, ed. 3. 611. 1921, ed. 4. 874. 1927, ed. 5. 995. 1933, ed. 6. 1265. 1938, ed. 7. 1587. 1944, ed. 8. 2222. 1949, ed. 9. 2: 1008, 1955, ed. 10. 3643. 1961.
Cherry, E.C., ed., Newsletter New York Bot. Gard. 1(9): 5. 1967 (tribute portr.).

Degener, Otto and Isa, Bull. Torrey bot. Club 98: 172-174. 1971; Fl. males. Bull. 26: 1996-1997. 1972 (obit.), Phytologia 25(4): 218-219. 1973 (obit., portr.).
Lloyd, C.G., Mycol. Writings 5: 573, 574, 590. 1916 (portr.).
Robbins, W.J., J. New York Bot. Gard. 44: 20. 1943 (publ. 1942; listed as co-editor of North American Flora).
Rogers, D.P., *in* C.T. Rogerson, Mycologia 65(4): 723-724. 1973 (citation for Distinguished Service Award); Brief hist. mycol. N. Amer. ed. 2: 26, 68, 69, 70. 1981.
Rogerson, C.T., Mycologia 65(4): 721-724. 1973 (biogr., portr.); Publications of Fred Jay Seaver (1877-1970), New York August 7, 1973 (mimeographed; bibl. with ca. 330 items); Mycologia Index, vol. 1-58, 1908-1966, frontisp., p. vii (dedication), p. 1042-1043 (list of publ. in Mycologia) 1968.
Seaver, F.J., North Amer. Cup-fungi 351, 368. 1942 (bibl.).
Shope, P.F., Mycologia 21: 295. 1929 (coll. in Colorado 1910), Biology News-Letter Univ. Colo. 3: 31. 1929.
Stevenson, J., Beih. Nova Hedwigia 36: 370-371, 511-513. 1971 (exsicc.: North Dakota fungi, Ascomycetes and lower fungi).
Verdoorn, F., ed., Chron. bot. 1: 238. 1935, 2: 31, 34, 347, 348, 419. 1936, 3: 27, 310, 311. 1937, 5: 310. 1939, 6: 262, 263, 329. 1941.

COMPOSITE WORKS: (1) Associate editor, *Mycologia* 1909-1924, editor 1925-1932, editor-in-chief 1933-1945; managing editor 1933-1947.
(2) NAF, 3(1): Hypocreales 1, Nectriaceae 3-30, Hypocreaceae 31-56, Fimetariales 57, Fimetariaceae 65-88. 29 Dec 1910 (with D. Griffiths), 6(1): Phyllostictales 6(1): 1-84. 5 Apr 1922.
(3) *Fungi, in* N.L. Britton, *The Bahama flora* 631-645. 26 Jun 1920.
(4) *Fungi, in* N.L. Britton, *Flora of Bermuda* 479-489. 28 Feb 1918.
(5) Editor, *Journal of the New York Botanical Garden* 12-13, 1911-1912.
(6) *Photographs and descriptions of cup-fungi*, i-xliii, Mycologia 7-39, 1915-1947.

EPONYMY: *Seaverinia* Whetzel (1945).

11.571. *The discomycetes of Eastern Iowa* ... Extract from Bulletin of Laboratories of natural History State University of Iowa, vol. v. no. 3. Jun 1904. Oct. (*Discomyc. East. Iowa*).
Publ.: Jun 1904 (t.p. preprint so dated), p. [1]-70, *pl. 1-25* with text. *Copies*: FH, NY. – Preprinted from Bull. Lab. nat. Hist. Univ. Iowa 5(4) [sic, not 3 as indicated on preprint]: [230]-297, *pl. 1-25* with text. Nov 1904.

11.572. *Some North Dakota Hypocreales* ... New York 1908. Oct.
Publ.: Nov 1908, cover-t.p., p. [527]-533. *Copy*: U. – Contr. New York Bot. Gard. no. 115. Reprinted and to be cited from Bull. Torrey bot. Club 35: 527-533. 1908.

11.573. *North Dakota Slime moulds* ... New York 1908 [1909]. Oct.
Publ.: 2 Jan 1909, cover-t.p., p. [577]-580. *Copy*: U. – Contr. New York Bot. Gard. 119. Reprinted and to be cited from Bull. Torrey bot. Cl. 35: 577-580. 2 Jan 1909.

11.574. *Iowa Discomycetes* ... New York 1910 [1911]. Oct.
Publ.: Oct 1911 (fide C.T. Rogerson in bibliography Seaver 1973, p. 5), cover-t.p., [i], [41]-219, *pl. 1-41*. *Copies*: BR, FH, Stevenson, U. – Contr. New York Bot. Gard. 133. Reprinted and to be cited from Bull. Lab. nat. Hist. Univ. Iowa 6: 41-219, *pl. 1-41*. 1911.

11.575. *The Hypocreales of North America* by Fred Jay Seaver. A thesis submitted to the faculty of the Graduate College of the State University of Iowa in partial fulfilment of the requirements for the degree of doctor of philosophy. New York 1912. Oct.
Publ.: thesis 1912, consisting of p. [i-iii], new t.p. and introduction followed by reprints of four papers published in Mycologia 1: 41-76, *pl. 4-5*. 15 Apr 1909, 1: 177-207, *pl. 13*. 11 Sep 1909, 2: 48-92, *pl. 20-21*. 8 Mar 1910 and 3: 207-230, *pl. 53-54*. 21 Sep 1911. *Copies*: FH, MICH, Stevenson.

11.576. New York Academy of Sciences. Scientific survey of Porto Rico and the Virgin Islands. Volume viii. – Part 1 *Botany of Porto Rico and the Virgin Islands Mycology* ... New York (published by the Academy) 1926. Oct.
Co-author: Carlos Eugenio Chardón Palacios (1897-1965). *Collaborators*: Rafael A. Toro, Frank Dunn Kern (1883-1973), Herbert Hice Whetzel (1877-1944), Lee Oras Overholts (1890-1946).
Publ.: 29 Dec 1926, p. [i], 1-208. *Copies*: NY, Stevenson, U.
Supplement to Mycology: id. volume viii. – Part 2, 22 Nov 1932, p. [i], 209-311, *pl. 1-2* (includes also Revision of the *Mycomycetes* by Robert Hagelstein [1870-1945] on p. 241-248, and *Myxophyceae* by Nathaniel Lyon Gardner (1864-1937), on p. 249-311, *pl. 1-2*. The supplement on mycology by F.J. Seaver et al. is on p. 209-240. *Copies*: NY, Stevenson, U.

11.577. *The North American Cup-fungi* (*Operculates*) ... New York (published by the author) 1928. (*N. Amer. Cup-fung., Operc.*).
Ed. [*1*]: 30 Dec 1928 (p. [iv]), p. [i], frontisp., (col.= *pl. 1*), [iii]-vii, 1-284, *pl. 2-45*. *Copies*: B-S, FH, G, M, MICH, MO, NY, PH, USDA.
Supplemented ed.: 31 Jan 1942 (C.T. Rogerson; PH rd 20 Feb 1942), p. [i-ii], frontisp. (col.), [iii]-viii, [1]-377, *pl. 1-74*. *Copies*: BR, FH, MO, NY, PH, USDA.
Facsimile repr. suppl. ed. (*1*): 1961, New York (Hafner Publishing Co., Inc.), p. [i-ii], frontisp., [iii], viii, 1-377, *pl. 1-74*. *Copy*: BR.
Facsimile repr. (*2*): 1978, Monticello, N.Y. (Lubrecht and Cramer), ISBN 3-7682-1174-6, p. [i*-iv* new front material], [i]-vii, 1-377, *pl.* [*0*, frontisp.], *1-74*. *Copy*: FAS.
Ref.: Pfister, D., Occ. Pap. Farlow Herb. 17: 1-32. 1982 (nomenclatural revision).
Seaver, F.J., Mycologia 20: 248. 1 Jul 1928 (advance notice), 21: 54. 2 Jan 1929, J. New York Bot. Gard. 30: 40-41. Feb 1929.

11.578. *The North American Cup-fungi* (*Inoperculates*) ... New York (published by the author) 1951. (*N. Amer. Cup-fung. Inoperc.*).
Publ.: 1951, p. [i-ii], frontisp. (col., *pl. 75*), [iii]-ix, 1-428, *pl. 76-150*. *Copies*: BR, G, PH, USDA.
Facsimile repr.: 1961, New York (Hafner Publishing Co., Inc.), p. [i* Hafner t.p.], *frontisp.* (*pl. 75*), [i]-ix, 1-428, *pl. 76-150*. *Copies*: BR, M.
Facsimile repr.(*2*): 1978, Monticello, N.Y. (Lubrecht & Cramer), ISBN 3-7682-1175-4, p. [i*-iv*, new front material], [i]-ix, 1-428, *pl.* [*75*], *76-150*. *Copy*: FAS.

Sebastiani, [Francesco] Antonio (1782-1821), Italian botanist and physician; professor of botany and director of the Rome botanical garden 1813-1820. (*Sebast.*).

HERBARIUM and TYPES: RO (?, see Lasègue and Alph. de Candolle); some further material in C (herb. J.F. Schouw), FI (herb. Webb). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(2): 480; Backer p. 524; Barnhart 3: 254 (b. 14 Jun 1782); BM 4: 1889; Bossert p. 359; Frank 3 (Anh.): 95; Hegi 4(3): 1278; Herder p. 179; Hortus 3: 1204; Jackson p. 321; Lasègue p. 342; PR 8563-8566, 2906, ed. 1: 3200, 6677, 9518-9521; Rehder 1: 62, 425; Saccardo 1: 151-152, 2: 100, cron. p. xxxiii; SO add. 812b, 813b; TL-2/5717; Tucker 1: 643; Zander ed. 10, p. 715, ed. 11, p. 816.

BIOFILE: Candolle, Alph. de, Phytographie 449. 1880 (coll. at RO).
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 287. 1938 (dir. Roma bot. Gard. 1813?-1820).
Lusina, G., Annali di Bot. 25: 170-171. 1958 (bibl. bot. Roma).

EPONYMY: *Sebastiania* K.P.J. Sprengel (1820); *Sebastiania* Bertoloni (1822).

11.579. *Romanarum plantarum fasciculus primus* auctore Antonio Sebastiani ... Romae [Roma] (typis de Romanis) 1813. Qu. (*Roman. pl. fasc. prim.*).
Publ.: 1813, p. [1]-14, *pl. 1-4*. *Copies*: FI, G, NY.
Fasciculus alter: see next entry.

11.580. *Romanarum plantarum fasciculus alter.* Accedit Enumeratio plantarum sponte nascentium in ruderibus amphitheatri Flavii auctore Antonio Sebastiani ... Romae [Roma] (typis Pauli Salviucci et filii ...) 1815. Qu. (*Roman. pl. fasc. alt.*).
Publ.: 1815 (p. 4: 13 Sep 1815), p. [i-ii], 1-81, *pl. 1-6* (uncol. copp. F. Rinaldi). *Copies*: B, FI, G, HH, NY, USDA.

11.581. *Florae romanae prodromus* exhibens centurias xii plantarum circa Romam et in cisapenninis pontificiae ditionis provinciis sponte nascentium sexuali systemate digestas auctoribus Antonio Sebastiani ... et Ernesto Mauri ... Romae [Roma] (apud Vinc. Poggioli R.C.A typographum ...) 1818. Oct. (*Fl. roman. prodr.*).
Co-author: Ernesto Mauri (1791-1836), see TL-2/5717-5718.
Publ.: 1818 (p. vi: Sep 1818), p. [i]-xv, 1-351, [352, colo.], *pl. 1-10* (uncol. copp., F. Rinaldi). *Copies*: B, BR, FI, G, HH, M, MO, NY, PH, USDA; IDC 6470.
Continuation: see E. Mauri, Roman. pl. cent. xiii, 1820, TL-2/5717.
Appendix: Elisabeth, Contesa Fiorini-Mazzanti, Appendice ad Prodromo della Flora romana s.l. et d. 24 p. Oct (n.v.).
Ref.: Sprengel, K.P.J., Neu. Entd. 2:244-248. 1821.
Treviranus, L.C., Gött. gel. Anz. 1819 (204): 2033-2040. 23 Dec 1819 (rev.).

11.582. *Esposizione del sistema di Linneo* piante officinali indigene, o esotiche domiciliate nell'orto bottanico [sic]. Antonio Sebastiano medico primario dfello [err.: for dello] spedale di San Giovan Laterano, ... in Roma (per Francesco Bourlie) 1819. Oct. (*Espos. sist. Linneo*).
Publ.: 1819, p. [1]-80, *1 pl.* (uncol. copp. F. Rinaldi). *Copy*: NY.

Sebeòk, Alexander [Sándor], **de Szent-Miklòs,** (*fl.* 1981), Hungarian botanist; student of N.J. von Jacquin. (*Sebeòk*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 254; BM 4: 1889; Dryander 3: 298; Futak-Domin p. 519; Herder p. 412; Kanitz no. 58; Klásterský p. 162; PR 8567, ed. 1: 9522; Rehder 3: 90; Zander ed. 10, p. 715, ed. 11, p. 816.

BIOFILE: Oborny, A., Verh. naturf. Ver. Brünn 21(2): 8. 1882.
Pluskal, F.S., Verh. zool.-bot. Ver. Wien 6: 363-372. 1856.

11.583. Syn Theo Dissertatio inauguralis medico botanica de *Tataria hungarica*, quam annuente inclyta Facultate medica in antiquissima ac celeberrima Universitate vindobonensi pro doctoratus laurea summisque in medicina honoribus ac privilegiis legitime consequendis publice disquisitioni submittit Alexander Sebeòk de Szent-Miklos, hungarus nobilis, aa.ll. et philosophiae magister disputabitur in Universitatis Palatio die [] mensis [] mdccclxxix. Viennae [Wien] (typis Mathiae Andreae Schmidt, ...) [1779]. Oct. (*Tataria hung.*).
Publ.: 5 Jun 1779, p. [1]-29. *Copy*: NY.
Reprint: in N.J. Jacquin, *Misc. austriac.* 2: 274-291. Late 1781 (see TL-2/3248), "iv. *Crambe tataria* dissertatio inauguralis medica publicae disquisitioni submissa ab Alexandro Sebéok [sic] de Szent-Miklòs nobili hungaro. Viennae 5. die Junii 1779. Aucta".
Note: Kanitz (no. 58): "... es liegt kaum eine Grund vor, diese Arbeit Jacquin zuzuschreiben, da sie kaum den Vergleich mit ähnlichen Arbeiten des grossen Meisters aushält, und andererseits auf gewisse Volksgebräuche hingewiesen wird, die Jacquin schwerlich gekannt haben mag".

Sebert, Hippolyte (1839-1930), French marine officer and wood technologist; educated at the Ecole Polytechnique (1860); in New Caledonia before 1870; with the staff of the artillery of the Right Bank, Paris, 1870-1871; Inspector of various marine establishments in France from 1871. (*Sebert*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 1: 508, 4: 89, 402; Tucker 1: 643.

BIOFILE: Anon., Grand Larousse encycl. 9: 699. 1964; Qui Êtes-Vous 1908: 445-446, 1909-1010: 463, 1924: 693.
Guillaumin, Not. Syst. 1: 329. 1911 (types P).
Lorenzo, O., Cat. gén. libr. franç. 6: 559. 1877, 10: 584-585. 1887.
Merrill, E.D., B.P. Bishop Museum Bull. 144: 166. 1937.

EPONYMY: *Sebertia* Pierre ex Engler (1897).

11.584. *Notice sur les bois de la Nouvelle Calédonie* suivie de considérations générales sur les propriétés mécaniques des bois et sur les procédés employés pour les mesurer par H. Sebert capitaine d'artillerie de la marine ... Paris (Arthus Bertrand, éditeur ...) [1874]. Oct. (*Not. bois. Nouv. Caléd.*).
Co-author for the descriptive part: Jean Armand Isidore Pancher (1814-1877), see TL-2/4:41-42.
Publ.: Jun 1873-Apr 1874 (in journal), p. [i]-viii, [1]-276, *pl. 1-11* (uncol.). *Copies*: B, G, HH, L, M, NSW. – Botany on p. 166-267, with many new species. Originally published in the Revue maritime et coloniale 37: 910-913. Jun 1873, 38: 82-104. Jul 1873, 38: 495-513. Aug 1873, 38: 874-895. Sep 1873, 39: 203-240. Oct 1873, 39: 561-605. Nov 1873, 40: 552-611. Feb 1874, 41: 200-251. Apr 1874.

Sébire, Albert (1863-1936), French botanist and clergyman (Pères du Saint-Esprit); had an experimental garden at Thiés, Sénégal from 1887-ca. 1925(?); in retirement in Belgium. (*Sébire*).

HERBARIUM and TYPES: P.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 53, 317; BM 4: 1889; Rehder 3: 93; Tucker 1: 643.

BIOFILE: Fournier, P., Voy. déc. mission. franç. 2: 159, 179. 1932 (brief note on garden at Thiés).
Hepper, F.N. & F. Neate, Plant collectors in West Africa 74. 1971.
Verdoorn, F., ed., Chron. bot. 4(2): 172. 1938 (d. 1 Oct 1930).

11.585. *Les plantes utiles du Sénégal* plantes indigènes-plantes exotiques par le r.p. A. Sébire, missionnaire apostolique de la Congrégation du Saint-Esprit et Saint Coeur de Marie ... Paris (Librairie J.-B. Baillière et fils ...), Thiès, Sénégal (chez l'auteur) 1899. Oct. (*Pl. util. Sénégal*).
Publ.: Jan-Mar 1899 (Bot. Zeit. 1 Jun 1899; BSbF rd 23 Jun 1899; Nat. Nov. Apr(1) 1899), p. [i*, iii*], [i]-lxx, [1]-341, [342, colo.], *6 pl.* (photos). *Copies*: BR, G, HH, PH, USDA.
Ref.: Hariot, P., Bull. Soc. bot. France 46 (bibl.): 66-67. 1899.

Seboth, Joseph (1816-1883), Austrian botanical artist; educated at the Vienna Academy for fine arts; with Th. Kotschy in Asia minor 1859; artist for *Flora brasiliensis* and for Schott's works on Aroids. (*Seboth*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 254 (d. 28 Apr 1883); BL 2: 566, 715; BM 4: 1889; DTS 1: 278; Jackson p. 229, 408; NI 1826 (b. 12 Feb 1814), see also index in 2: 268; TL-1/1177a; TL-2/1764, 3890, 8522, 8845; Tucker 3: 276.

BIOFILE: Anon., Bot. Not. 1884: 39; Bot. Zeit. 41: 498. 1883 (d.); Österr. bot. Z. 33: 206. 1883 (brief obit.).
Kanitz, A., Magy. növen. Lap. 7: 95-96. 1883 (obit not.).

COMPOSITE WORKS: Seboth provided illustrations for many botanical works (see NI, index), such as:

(1) Fenzl, E., ed., *Reise Novara* 1868-1870, TL-2/1764.
(2) C.G.T. Kotschy, *Eich. Eur. Orient.* 1858-1862, TL-2/3890.

11.586. *Die Alpenpflanzen* nach der Natur gemalt von Jos. Seboth. Mit Text von Ferdinand Graf und einer Anleitung zur Cultur der Alpenpflanzen von Joh. Petrasch, ... Prag (Verlag von F. Tempsky) [vol. 4 also: Leipzig (G. Freytag)] 1879-1884. Oct. (*Alpenpfl.*).
Authors of text: Ferdinand Graf (1833-1877), Johann Petrasch.
Publ.: in 4 vols. each in 12 Hefte:
1: Mar 1878-Jul 1879 (pl. 1-81 publ. by 1 Mar 1879; Bot. Zeit. Heft 1: 12 Jul 1878; Heft 12 (concluding vol. 1) Bot. Zeit. 22 Aug 1879; Nat. Nov. Jul(2) 1879), frontisp., [i], [1]-106, *pl. 1-100* (col. liths. auct.).
2: Jul 1879- Apr 1880 (p. iv: 15 Apr 1880; Heft 13 (Heft 1 of vol. 2): Bot. Zeit. 22 Aug 1879; Heft 24 (concluding vol. 2) Bot. Zeit. 18-22 Apr 1881), frontisp., [i]-iv, [1]-68, *pl. 1-100* (id.).
3: Aug 1880-Dec 1881 (p. iv: 15 Oct 1881; Heft 25 (Heft 1 of vol. 3): Bot. Zeit. 27 Aug 1880; Heft 36 (concluding vol. 3): 9-13 Jan 1882, Nat. Nov. Jan(1) 1882), frontisp., p. [i]-iv, [1]-63, *pl. 1-100* (id.).
4: Jan 1882-Apr 1884 (Heft 37 (Heft 1 of vol. 4:) 9-13 Jan 1882; Heft 38 Nat. Nov. Apr(1) 1882; Hefte 47, 48 Nat. Nov. Apr(2) 1884), frontisp., p. [i], [1]-70, *pl. 1-101* (id.).
Copies: B-S, BR, G(2-4), HH, M (vol. 1), MO, NY.
Ed. 2 of vol. *1*: Apr-Jul 1886 (Bot. Centralbl. 2-13 Aug 1886; Bot. Zeit. 30 Jul 1886; Nat. Nov. Jul(2) 1886), frontisp., [i-iii], [1]-106, *pl. 1-100. Copies*: G, HH. – "Nach der Natur gemalt von Jos. Seboth and Jenny Schermaul ... Zweite verbesserte Auflage", Prag (F. Tempsky), Leipzig (G. Freytag).
English ed.: 1879-1884, 4 vols. *Copies*: MO, NY. – "*Alpine plants* painted from nature by Joseph Seboth; the text by F. Graf, with an introduction on the cultivation of alpine plants, by J. Petrasch. Edited by Alfred W. [William] Bennett [1833-1902, see TL-2/1: 171], series 1-4, ..." London (Swan Sonnenschein & Co., ...) s.d.
1: 1879 (Nat. Nov. Oct(1) 1879), frontisp., p. [i*-iii*], [i]-iv, [5]-67, *pl. 1-100* (id.).
2: 1880 (Nat. Nov. Jul(2) 1880), frontisp., p. [i-iii], [1]-56, *pl. 1-100* (id.).
3: 1882 (Bot. Centralbl. 1882; Bot. Zeit. 26 Mai 1882), frontisp., p. [1]-59, *pl. 1-100.*
4: 1884 (Bot. Centralbl. 29 Aug 1884; Nat. Nov. Jul(2) 1884), frontisp., p. [iii]-xii, 1-51, *pl. 1-101.*
Reissues: German ed., vol. 1: 1886; English ed. 1: 1881, 1891 (Nat. Nov. Sep(1) 1891).

Secall y Inda, José (1853-1918), Spanish forester and botanist; professor of botany at the Royal College of Forestry at San Lorenzo del Escorial. (*Secall*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 604; BL 2: 493, 715 ("Secal Einda"); Rehder 5: 789; Tucker 1: 643.

BIOFILE: Dörfler, I., Bot.-Adressbuch 150. 1896.

EPONYMY: *Secallia* Azpeitia (1911).

11.587. *Catálogo metódico de las plantas leñosas* silvestres ó asilvestradas que se observan en San Lorenzo del Escorial y sus alrededores ... Madrid (Imprenta de Moreno y Rojas ...) 1888. Oct. (*Cat. pl. leños.*).
Publ.: 1888 (p. [3]: 15 Apr 1888), p. [1]-15, [16, index]. *Copy*: HH.

11.588. *Plantas vasculares de San Lorenzo del Escorial* y sus alrededores. Catalogo metódico de las que se observan silvestres ó asilvestradas ... Madrid (Imprenta de Ramón Moreno y Ricardo Rojas ...) 1889. (*Pl. vasc. S. Lorenzo Escorial*).
Publ.: 1889 (p. xiv: 8 Jun 1889; Bot. Zeit. 29 Nov 1889; Nat. Nov. Feb(2) 1890), p. [i]-xiv, [xv], [1]-66, [67]. *Copies*: G, HH.
Ref.: Willkomm, M., Bot. Centralbl. 41: 187. 5 Feb 1890.

11.589. *Clave analítica* para la determinación *de las principales especies leñosas españolas* por medio de sus hojas ... Madrid (Imprenta de Ricardo Rojas ...) 1893. (*Clave esp. leños. españ.*).
Publ.: 1893, p. [1]-60, [61, index]. *Copy*: HH. – List of publ. by Secall in inside cover.

Seckt, [Heinrich Karl Felix] Hans (1879-1953), German (Berlin)-born botanist who emigrated to Argentina; Dr. phil. Berlin 1901; assistant at the Institute for plant physiology Berlin 1901-1906; professor at the "Instituto nacional del professorado secundario" in Buenos Aires 1906-1920; professor of botany at the University of Córdoba 1920-1947. (*Seckt*).

HERBARIUM and TYPES: CORD.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 254 (b. 25 Jan 1879); Biol.-Dokum. 16: 8557; BJI 2: 162; BL 1: 236, 317; Moebius p. 318.

BIOFILE: Castellanos, A. y R.A. Perez Moreau, Lilloa 7: 11, 363, 388, 389, 396, 489. 1941.
Parodi, L.R., Bol. Soc. Arg. Bot. 9: 24, 45. 1961 (coll. CORD).
Perez Moreau, R.A., Bibl. geobot. Patagon. 34. 1965.
Sayago, M., Bol. Soc. Argent. Bot. 5(4): 221-227. 1955 (obit., portr., bibl., d. 25 Nov 1953); Ber. deut. bot Ges. 68a: 280. 1956.
Verdoorn, F., ed., Chron. bot. 7: 103. 1943.

11.590. *Beiträge zur mechanischen Theorie der Blattstellungen bei Zellenpflanzen.* Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich zu vertheidigen am 25. März 1901 ... [Berlin 1901]. Oct. (*Beitr. mech. Theor. Blattstell.*).
Publ.: 25 Mar 1901 (Nat. Nov. Jun(1) 1901), p. [1]-27, [28 Thesen, 29 Vita, 30 colo.], *pl. 1-2. Copies*: NSUB, US. – Reprinted from Beih. Bot. Centralbl. 10(4): 257-278. Jun 1901.
Ref.: Claussen, Bot. Zeit. 59: 279-280. 16 Sep 1901 (rev.).

11.591. *Flora bonariensis* clave para la determinación de las familias y de los géneros de las plantas. Trabajo presentado a la primera reunión nacional de la Sociedad Argentina de Ciencias naturales en Tucumán del 23 al 30 de Noviembre de 1916 ... Buenos Aires (Establecimiento gráfico de T. Palumbo ...) 1918. (*Fl. bonar.*).
Publ.: 1918 (p. vi: Jan 1918), p. [i]-vi, [vii], [9]-302. *Copies*: B, G, HH, U.

11.592. *Flora cordobensis* clave para la determinación de las familias y de los géneros de las plantas que se encuentran silvestres o cultivadas en la Provincia de Córdoba ... Cordoba (Rep. Arg.) (Imprenta de la Universidad nacional) 1929-1930.
Publ.: 1929-1930 (in journal; p. 10: Jun 1929; G copy dedicated to W. Herter on 28 Feb 1931), p. [1]-632. *Copies*: G, HH, MICH, MO, NY, US. – Reprinted from Revista de la Universidad nacional de Córdoba años xvi y xvii 1929-1930. – *22 pl.* in text; 16: 180-266. Sep-Oct 1929, 16: 61-139. Nov-Dec 1929, 17: 70-150. Mar-Apr 1930, 17: 75-182. Mai-Jun 1930, 17: 3-127. Jul-Aug 1930, 17(7-8): 3-49. Sep-Oct 1930, 17(9-10): 3-86. Nov-Dec 1930.

Secondat, Jean Baptiste baron **de** (1716-1796), French botanist. (*Secondat*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1889; De Toni 1: cxv; Dryander 3: 91, 207, 285, 322, 345, 350; Herder p. 22; LS 24570; PR 8568 (d. 17 Jun 1796), ed. 1: 9524-9525; Rehder 5: 790; Tucker 1: 643.

BIOFILE: A-g-s., *in* J.Fr. Michaud, Biogr. univ. 38: 629-630.
Anon., Biogr. nouv. contemp. 19: 114-115. 1825; Grand Larousse encycl. 9: 703. 1964.

Hoeffer, ed., Nouv. biogr. gén. 43: 673-674. 1864.
Quérard, J.M., France litt. 9: 7. s.d.

EPONYMY: *Secondatia* Alph. de Candolle (1844).

11.593. *Observations de physique* et d'histoire naturelle sur les eaux minérales de Dax, de Bagneres, & de Barege, sur l'influence de la pesanteur de l'air dans la chaleur des liqueurs bouillantes et dans leur congellation. Histoire de l'electricité, &c ... À Paris (chez Huard & Moreau fils, ...) 1750. (*Observ. phys.*).
Publ.: 1750 (privilège 23 Jun 1750), p. [i-viii], [1]-205, [206-208]. *Copies*: HH, NSUB.

11.594. *Mémoires sur l'histoire naturelle du chêne*; sur la résistance des bois à être rompus par les poids dont ils sont chargés; sur les arbres forestiers, de la Guienne; sur des champignons qui paroissent tirer leur origine d'une pierre; sur la maladie pestilentielle des boeufs en 1774; sur la culture de la vigne, et sur le vin de la Guienne, &c. ... à Paris (chez De Bure, ..) 1785. Fol. (*Mém. hist. nat. chêne*).
Publ.: 1785, p. [i], [1]-91, [1-3, err.], *pl. 1-2, 3/4, 3/4bis, 4, 5, 5bis, 6-12*, chart. *Copies*: FI, MO, Stevenson. – Mém. chêne on p. 1-31, arbr. for. Guienne p. 32-36, champignons p. 37-40, maladie boeufs p. 41-62, vigne, vin Guienne p. 63-91.

Secretan, [Gabriel-Abraam-Samuel-Jean-] **Louis** (1758-1839), Swiss botanist, lawyer and statesman; Dr. jur. Tübingen 1780; lawyer at Lausanne; served in various political functions from 1798. (*Secr.*).

HERBARIUM and TYPES: LAU (Wilczek 1937); neither herbarium specimens nor drawings of his fungi are known to be extant. – Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 226,314; Barnhart 3: 254 (b. 5 Sep 1758, d. 24 Mai 1839); BM 4: 1889; Frank 3 (Anh.): 95; Hawksworth p. 186; Herder p. 245; Jackson p. 343; Kelly p. 211; LS 24571; PR 8569, ed. 1: 9526; Stevenson p. 1257.

BIOFILE: Attinger, V. et al., eds., Dict. hist. biogr. Suisse 6: 136. 1932.
Candolle, Alph. de, Phytographie 450. 1880 (no fungi herb. or drawings left).
Candolle, A.P. de, Mém. souvenirs 357. 1862.
Clavel de Breules, L., Verh. schweiz. naturf. Ges. 24: 191-195. 1839 (obit.).
Demoulin, V., Taxon 23: 836-843. 1974 (invalidity of names published in Secretan's "Mycographie suisse" ?).
Donk, M.A., Taxon 11: 170-173. 1962 (on Secretan's fungus names).
9raft, A., Madame de Staël et son avocat. Avec deux lettres inédites de Necker a Me *Louis Secredan. 1948.*
Mollet, H., Schweiz. Z. Pilzk. 1939: 196-197 (portr.).
Singer, R. & R.E. Machol, Taxon 26: 251-255. 1977 (are Secretan's fungus names valid?).
Singer, R. & C. Rège, Schweiz. Z. Pilzk. 54 (Sondernummer 100): 81-86. 1976 (biogr.).
Verdoorn, F., ed., Chron. bot. 5: 302. 1939.
Wilczek, E., Bull. Soc. vaud. Sci. nat. 60: 21. 1937 (herb. [phan. only?] at LAU).

EPONYMY: *Secretania* J. Müller-Arg. (1866).

11.595. *Mycographie suisse*, ou description des champignons qui croissent en Suisse, particulièrement dans le canton de Vaud, aux environs de Lausanne ... Genève (imprimerie de P.A. Bonnant, ...) 3 vols. Oct. (*Mycogr. suisse*).
1: 1833, p. [i]-lv, [1]-522.
2: 1833, p. [i, iii], [1]-576.
3: 1833 (Hinrichs 9-15 Feb 1834), p. [i]-viii, [1]-759, [760, err.], [1]-95 index.
Copies: B, BR, FH, G, M, MICH, MO, NY, Stevenson, USDA; IDC 6314.
Note: See Int. Code bot. Nom. Art. 23.6, example 10 under c: "Secretan (Mycographie suisse, 1833) introduced a large number of new specific names, more than half of them not binomials, e.g. *Agaricus albus corticus*, *Boletus testaceus scaber*, *Boletus aureus carne lutea*. He is therefore considered not to have consistently used the Linnaean system of

binary nomenclature and none of the specific names, even those with a single epithet, in this work are validly published".
Ref.: M., Flora 17(1) Lit. 6: 90-95. 7 Mai 1834 (rev.).

Sedgwick, Leonard John (1883-1925), British botanist; B.A. Cambridge 1905; in the Indian civil service from 1907. (*Sedgwick*).

HERBARIUM and TYPES: BLAT(main Indian coll., 7000 sheets); further material at BM (Dixon, mosses), CAL, DBN, H (mosses), K, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 255 (b. 27 Apr 1883, d. 27 Jun 1925); BB p. 272; BM 3: 1422, 4: 1891; Desmond p. 550; IH 1 (ed. 6): 364, (ed. 7): 342; Tucker 2: 276.

BIOFILE: Fyson, P.F., J. Ind. Bot. Soc. 5(1): 48-49. 1926 (obit.).
Sayre, G., Mem. New York Bot. Gard. 19(3): 397. 1975 (coll.); Bryologist 80: 518. 1977 (coll.).
W.T.S., Proc. Linn. Soc. 138: 98-99. 1926 (obit.).
White, A. & B.L. Sloane, The Stapelieae 50. 1933, ed. 2. 196. 1937.

EPONYMY: *Bryosedgwickia* J. Cardot et Dixon (1912) may be named for this author.

Seeland, Hermann (1868-1954), German (Hannoverian) botanist and clergyman at Ruthe, Celle, Hannover and, from 1932, at Hildesheim. (*Seeland*).

HERBARIUM and TYPES: GOET. – The Seeland herbarium itself was for the greater part destroyed in 1945.

BIBLIOGRAPHY and BIOGRAPHY: BFM 390, 399, 400; Biol.-Dokum. 16: 8563; BJI 2: 162.

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Wagenitz, G., Index coll. princ. herb. Gott. 154. 1982.

HANDWRITING: Wagenitz, G., Index coll. princ. herb. Gott. 211. 1982.

11.596. *Die Orchidaceen der Flora von Hildesheim* ... Hildesheim (Druck von Gebr. Gerstenberg) 1929. Oct. (*Orch. Hildesheim*).
Publ.: Oct 1929, cover-t.p., p. [1]-96. *Copies*: B, GOET. – 2. Beitrag zur Floristik und Flora von Hildesheim, Mitt. Herm. Roemer-Mus., Hildesheim 34, Oct 1929.
Nachtrag: Oct 1940, p. [1]-56. *Copies*: B, GOET. – 6. Beitrag zur Floristik und Flora von Hildesheim, Mitt. Roemer-Mus. Hildesheim 46, Oct 1940.
Note: the 7. Beitrag by H. Seeland and Ernst Schenk, *Die Wildrosen der Umgebung von Hildesheim*, p. [i-iv], 1-73. *Copy*: GOET, came out in 1953.

11.597. *Die Farnpflanzen der Flora von Hildesheim* 4. Beitrag zur Floristik und Flora von Hildesheim ... Hildesheim (Druck und Verlag von Franz Borgmeyer) 1938. Oct. (*Farnpfl. Hildesheim*).
Publ.: Dec 1938, p. [1]-130. *Copies*: G, GOET (inf. G. Wagenitz). – Mitt. Roemer-Mus. Hildesheim 44, Dec 1938).

11.598. *Die Cyperaceen und Juncaceen der Flora von Hildesheim.* Fünfter Beitrag zur Floristik und Flora on Hildesheim ... Hildesheim (Druck von Gebr. Gerstenberg) 1940. Oct. (*Cyperac. Juncac. Hildesheim*).
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Seeliger, Rudolf (1889-1943), German (Posen-born) botanist, phytopathologist and geneticist; Dr. phil. Göttingen 1911; assistant at the "Biologische Anstalt für Land- und Forstwirtschaft" Berlin-Dahlem 1911-1920 (on active service 1914-1918) at the

Naumburg/Saale branch office of the "Biologische Anstalt" 1920-1924; from 1924-1940 director of the laboratory for wine- and apple culture; again on active service 1940; fell at Stalingrad 1943. (*Seeliger*).

HERBARIUM and TYPES: Unknown. – Letters at G.

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Seemann, Berthold [Carl] (1825-1871), German (Hannover) botanist, publisher and traveller; trained to be a botanical collector at Kew 1844-1846; naturalist to the "Herald" 1847-1851; Dr. phil. h.c. Göttingen 1853; editor of "Bonplandia" 1853-1862; botanised in the Fiji Islands 1860; editor of the Journal of Botany 1863-1869 (1871); travelled in Venezuela 1864; in Nicaragua and Panama 1866-1871; died as director of a gold-mining company in Nicaragua. (*Seem.*).

HERBARIUM and TYPES: The main set of most of Seemann's collections is at BM (see Murray 1904), however, the first set of Fiji material is at K (over 1000) with duplicates in BM (Fiji, 594) and further material in A, AMES, C, CAL, CGE, DPU, DUKE, E, FI, G, GH, GOET, H, K, L, LD, MEDEL, MEL, MO, NY, OXF, P, S, TCD, US, W. The "study set" including the types of the *Bot. Voy. Herald* is at BM (2000, acquired 1868) with an important set also at K. –For discrepancies between the labels and the Bot. Voy. Herald see Radlkofer, Monogr. Serjania, p. 55. – *Letters* and mss. (incl. those from the "Herald") at K. – *Field notes* at US (SIA); *letters* to F.A.W. Miquel at U; other letters at G, GH.

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(2) *Descriptions* [parts 20, 21; 1858, 1860] *in* A. Hartinger, *Parad. vindob.* 1844-1860, see TL-2/2417. Additional copy seen: USDA. – Brief history of the book, mainly taken from the preface, evidently by B.C. Seemann, in Bonplandia 10: 100-102. 1862.
(3) Editor, *Bonplandia* 1-10, 1853-1862, see below.
(4) Editor, *Journal of Botany* 1-7, 1863-1869, see below.

TRAVEL REPORTS: *Herald* (1847-1851): *itinerary* in *Bot. Voy. Herald* 258-260. 1860. *Letter* by

Seemann to W.J. Hooker *in* J. Bot. Kew Gard. Misc. 1: 144-149, 185-188. 1849, 2: 151-158, 179-182, 361-369. 1850 (Mazatlan, Mexico, Nov. 13, 1849); *Abstract of journal* kept during Voyage: ib. 4: 18-26, 82-92, 212-217, 238-242.

EPONYMY: *Seemannantha* Alefeld (1862); *Seemannaralia* R. Viguier (1906); *Seemannia* Regel (1855, *nom. cons.*).

11.599. *Die Volksnamen der amerikanischen Pflanzen.* The popular nomenclature of the American flora ... Hannover (Carl Rümpler) 1851. Qu. (*Volksnamen amer. Pfl.*).
Publ.: Sep-Oct 1851 (p. [iv]: 19 Aug 1851; ÖbW 30 Oct 1851; Flora rd Sep-Oct 1851), cover-t.p., [i*-iv*, German text], [i, t.p., -v][, [1]-54, *Copies*: B-S, M, MO, NY, PH, U, USDA.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 9: 832-833. 21 Nov 1851 (rev.).

11.600. *Die in Europa eingeführten Acacien*, mit Berücksichtigung der gärtnerischen Namen, ... Hannover (Verlag von Carl Rümpler) 1852. Oct. (*Eur. Acac.*).
Publ.: Jan-Feb 1852 (p. [vii]: Jan 1852; ÖbW 4 Mar 1852; Flora 28 Feb 1852; Hooker J. Bot. Kew Gard. Misc. Feb 1852), p. [i-vii], [1]-72, *pl. 1-2* (col. liths. J.D. Hooker). *Copies*: B, HH, LC, NSW, NY, USDA, WU.
Ref.: S., Österr. bot. W. 2: 77-78. 4 Mar 1852 (rev.).
Schlechtendal, D.F.L. von, Bot. Zeit. 10: 413-415. 11 Jun 1852 (rev.).

11.601. *The botany of the voyage of H.M.S. Herald*, under the command of Captain Henry Kellett, R.N., C.B., during the years 1845-51. Published under the authority of the Lords Commissionars of the Admiralty by Berthold Seemann, ... naturalist of the expedition ... London (Lovell Reeve, ...) 1852-1857. Qu. (*Bot. voy. Herald*).
Publ.: in 10 parts, 1852-1857 (see below), p. [i]-vi, [5]-483, *pl. 1* (frontisp.), *2-45*, *46/47*, *48-100* (uncol. liths., mostly by W. Fitch, some by J.D. Hooker). *Copies*: B-S, BR, FI(1-4), HH, MO, NY, PH, Teyler, USDA; IDC 5739. – *Plates 11* and *12* are maps. The BR copy of part 1 has a preliminary t.p., dated 1852, and a dedication to Henry Kellett as p. [1] and [3]; the Summary of the Voyage starts on p. [5]; the last part (10) contained the definitive t.p. with new preface, in all vi pages, which accounts for the formula "[i]-vi, [5]". – For the sources of the dates and for the list below see TL-1/1218. Plates [11] and [12], unnumbered, are maps of "W. Esquimaux-land" and Panama.

part	pages	*plates*	dates
1	5-56	*1-10*	Apr 1852
2	57-80	*11-20*	Aug 1852
3	81-120	*21-30*	Nov 1853
4	121-160	*31-40*	Feb 1854
5	161-200	*41-50*	Jul 1854
6	201-253	*51-60*	late 1854 (v. early 1855?)
7, 8	255-320	*61-80*	1856
9	321-360	*81-90*	Dec 1856
10	361-483, i-vi	*91-100*	Mai-Jun 1857

Seemann sent part 1 [only] to Miquel on 17 Aug 1852. The last part included 16 pages to be substituted for pages previously published: 19-20, 107-108, 163-164, 203-204, 253-254, 279-280, 319-320, 345-346. Page 254 was blank as first issued but the 1857 reissue had final additions and corrections to the entire volume.
Collaborators: Babington, Churchill (1821-1899), *Lichens*, p. 47-49, 246-248, 344-345, 432.
Bentham, George (1800-1884), *Leguminosae*, p. 106, 176, 187, *Scrophularineae*, *Labiatae*.
Grisebach, August Heinrich Rudolph (1814-1879), *Gentianaceae* p. 169-170, 318-319.
Harvey, William Henry (1811-1866), *Algae* p. 49-50.
Klotzsch, Johann Friedrich (1805-1860),*Euphorbiaceae* p. 99-106, 276-278.
Liebmann, Frederik Michael (1813-1856), *Quercus* p. 251-252.
Miers, John (1789-1879) *Menispermaceae* p. 76-78, *Solanaceae* p. 172-176.

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Parts: 1. Flora of Western Esquimaux-Land [in Alaska lat. 65;-71;28'], p. [9]-56.
2. Flora of the Isthmus of Panama, [57]-254.
3. Flora of North Western Mexico, p. [255]-346.
4. Flora of Hongkong, p. [347]-432.
Index p. 433-483, [484 colophon].

Note: Several contemporary sources mention a separate issue, 40 p., *8 pl.*, of "Flora of Esquimaux-Land, including the Sound Flora 38: 106-112. 1855; Bot. Zeit. 24 Sep 1852; ÖbW 2: 358. 1852; Amer. J. Sci. Sep 1852), not seen by us.

Partial reprint: *Flora of the Isthmus of Panama*. Reprinted from part ii of the Bot. Herald, ... Panama, New Granada: Printed at the Office of the Star and Herald 1854 (LC copy signed Panama 14 Sep 1854), p. [i], [1]-7. *Copy*: LC.

German extract: Flora des westlichen Eskimolandes, with additions: Bonplandia 1: 46-50, 54-57. 1853.

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Ref.: Barnhart, J.H., Unpublished memoir in copy NY.
Britten, J., J. Bot. 27: 102-105. 1889 (on type coll. at BM), 59: 21-24. 1921 (list collaborators).
Lada-Mocarski, V., Bibl. books Alaska no. 138, p. 472 (coll.).
Schlechtendal, D.F.L. von, Bot. Zeit. 11: 162-163. 4 Mar 1853 (rev. parts 1-2).
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11.602. *Narrative of the voyage of H.M.S. Herald* during the years 1845-51, under the command of captain Henry Kellett, R.N., C.B.; being a circumnavigation of the globe, and three cruizes to the arctic regions in search of Sir John Franklin. By Berthold Seemann, ... London (Reeve and Co., ...) 1853, 2 vols. Oct. (*Narr. voy. Herald*).

Publ.: Jan 1853 (p. xi: 31 Dec 1852; J. Bot. Kew Gard. Misc. Apr 1853, rev.; Bonplandia 1, 15 Feb 1853, "published").
1: [i-ii], frontisp., [iii]-xvi, map, [1]-322.
2: [i-ii], frontisp., [iii]-vii, [1]-302.
Copies: G, HH, PH.

German ed.: 1 Jul-14 Sep 1853 (p. x: 20 Jun 1853; Bonplandia 15 Sep 1853; ÖbW 8 Dec 1853.
1:[i-ii],frontisp.,[iii]-xiii,[1]-335,map.
2: [i]-vii, [1]-294, *2 pl.* (liths.).
Copy: PH. – "*Reise um die Welt* und drei Fahrten der königlich britischen Fregatte Herald nach dem nördlichen Polarmeere zur Aufsuchung Sir John Franklin's in den Jahren 1845-1851 ..." Hannover (Carl Rümpler) 1853, 2 vols. Oct. (*Reise Welt*). – Text amended, some plates added.

Extracts German ed.: Bonplandia 1: 127-130, 137-140, 162-164, 174-176, 200-202, 224-226. 1853.

Ref.: Lada-Mocarski, V., Bibl. books Alsaka 478-480. 1969 (collation).
Schlechtendal, D.F.L. von, Bot. Zeit. 11: 781-782. 4 Nov 1853 (rev. German ed.).

11.603. *Bonplandia.* Zeitschrift für die gesammte Botanik. Officielles Organ der K.L.-C. Akademie der Naturforscher. Herausgegeben von Wilhelm E.G. Seemann, ... Berthold Seemann, ... "Nunquam otiosus" i.[-x.] Jahrgang. Hannover (Verlag von Carl Rümpler), London (Williams and Norgate, ...), Paris (Fr. Klincksieck, ...) 1853-1862, 10 vols. Qu. (*Bonplandia*).

Co-editor: Wilhelm Eduard Gottfried Seemann (x-1868), brother of B.C. Seemann. *Note*: the front pages of the individual, two-weekly issues of vols. 1-3 mention only Berthold Seemann as editor, whereas both are mentioned on the volume t.p.-'s. From vol. 4 onward both are mentioned as editors in each number.

1: 1853, 25 nos. published on the first and fifteenth of each month; nos. 1 & 2 on 1 Jan), p. [i]-vii, [1]-262. – Heading on issues for 1 Jan-15 Jun 1853: ... Zeitschrift für angewandte Botanik; from 1 Jul onward as on vol. t.p.: "Zeitschrift für die gesammte Botanik ... Naturforscher". On p. 1: "Diese Zeitung soll dem praktischen Leben gewidmet sein ..."

2: 1854, 24 nos. (id.), p. [i]-viii, [1]-296, *pl. 1.*

3: 1855, 24 nos. (id.), p. [i]-vi, [1]-346, *pl. 1-3.*

4: 1856, 24 nos. (id.), p. [i]-viii, [1]-400, frontisp. portrait of A. Bonpland. – Issue titles have from no. 1/2, 15 Jan 1856 onward: "Redaction: Berthold Seemann in London. W.E.G. Seemann in Hannover".

5: 1857, 24 nos. (id.), p. [i]-vi, [1]-364. – Imprint on t.p. has in addition: New York (B. Westermann & Co. ...).

6: 1858, 24 nos. (id., 23/24 combined, p. [i]-vii, [1]-410.

7: 1859, 24 nos. (id.), [i]-v, [1]-344, cancel p. 49-50.

8: 1860, 24 nos. (id.: 23/24 combined), [i]-viii, [1]-391. – "*Bonplandia.* Zeitschrift für die gesammte Botanik. Organ für Botaniker, Pharmaceuten, Gärtner und Landwirthe", but on issue titles: "Forst- und Landwirthe".

9: 1861, 24 nos. (id.), [i]-viii, [1]-378, *1 col. pl.* "*Bonplandia*, ... Gärtner, Forst- und Landwirthe".

10: 1862, 24 nos. (id.), [i]-ix, [1]-372, *10 col. pl.* by W. Fitch.

Copies: U; IDC 328. – Succeeded by *The Journal of Botany, British and Foreign*, 1863-1945.

Ref.: Sarton, G., *in* Sarton on the history of science 262-264. 1962.

11.604. *Popular history of the palms* and their allies, containing a familiar account of their structure, geographical and geological distribution, history, properties, and uses, and a complete list of all the species introduced into our gardens, ... London (Lovell Reeve, ...) 1856. Oct. (*Pop. hist. palms*).

Publ.: Jan-Mar 1856 (p. xiv: 8 Dec 1855; Hooker J. Bot. Mar 1856), p. [i]-xvi, [1]-359, *pl. 1-20* (col. liths. J.C. Frank). *Copies*: Liverpool Chemist's Association; B-G, B-S, Ewan, HH, MO, NSW, NY, US, USDA.

German ed. [*1*]: 1857 (ÖbW 19 Nov 1857; Bot. Zeit. rev. 20 Nov 1857), p. [i-ii], frontisp., [iii]-xii, [xiii], [1]-258, *6 pl.* (uncol.). *Copies*: B-G, B-S, Ewan, FI, HH, NY. – "*Die Palmen.* Populäre Naturgeschichte derselben und ihrer Verwandten. Nebst einem vollständigen Verzeichniss aller bisher in unsere Gärten eingeführte Arten von Berthold Seemann, ... Unter Mitwirkung des Verfassers Deutsch bearbeitet von Dr. Carl Bolle, ... Leipzig (Verlag von Wilhelm Engelmann) 1857. Oct. (*Palmen*). *Translator*: Carl August Bolle (1821-1909).

German ed. 2: 1863 (p. x: 1 Nov 1862; J. Bot. Mai 1863), p. [i], frontisp., [iii]-x, [xi], [1]-368, *6 pl.* (not 7) (uncol. liths.). *Copies*: B, Ewan, FI, G, HH, MICH, MO, NY, U, USDA. – Zweite Auflage, Leipzig (id.) 1863. Oct.

German extract: Bonplandia 4: 66-69. 1 Mar 1856, *Die Palmen im nördlichen Europa.*

Ref.: Hooker, W.J., J. Bot. Kew Gard. Misc. 8: 88-92. 18 Mar 1856.
Schlechtendal, D.F.L. von, Bot. Zeit. 15: 823-824. 20 Nov 1857 (rev.).

11.605. *The British ferns at one view*, ... London (John Van Voorst, ...) 1860 [chart]. (*Brit. ferns*).

Artist: Walter Hood Fitch (1817-1892).

Publ.: 1860 or early 1861 (plate dated 1860; Bonplandia 1 Mai 1861; Bot. Zeit. 27 Dec 1861, rev.; a folded chart (col. lith.) with text. *Copy*: HH.

Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 19: 391. 20 Dec 1861 (rev.).

11.606. I. *Synopsis Crescentiacearum*: an enumeration of all the crescentiaceous plants at present known. [Trans. Linn. Soc. 23(1) 1860]. Qu.
Publ.: 1 Nov 1860 (in journal, S. Raphael, Biol. J. Linn. Soc. 2(1): 70. 1970), p. [1]-22. *Copy*: G. – Reprinted and to be cited from Trans Linn. Soc., London 23(1): 1-22. 1 Nov 1860.

11.607. *Hannoversche Sitten und Gebräuche* in ihrer Beziehung zur Pflanzenwelt, ein Beitrag zur Culturgeschichte Deutschlands. Populäre Vorträge ... von Dr. Berthold Seemann, ... Leipzig (Verlag von Wilhelm Engelmann) 1862. Oct. (*Hannov. Sitt. Gebr.*).
Publ.: Jan-Apr 1862 (p. x: 30 Nov 1861; ÖbW 1 Mai 1862; Bot. Zeit. 2 Mai 1862), p. [i]-x, [1]-93, [94, colo.]. *Copies*: B, HH, NY. – Previously published in F. Otto, Allg. Gartenzeit.

11.608. *Synopsis plantarum vitiensium*, systematic list of all the Fijian plants at present known. [London (John Edward Taylor, printer ...) s.d. [1872]. Oct. (*Syn. pl. vit.*).
Publ.: 1862, p. [1]-17. *Copies*: G, NY. – Preprinted or reprinted from B.C. Seemann, *Viti*, 1862, p. 431-447, see below. – The copy at BM(NH) contains Seemann's manuscript notes. – Names only; no descriptions.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 21: 7-8. 2 Jan 1863 (rev.).

11.609. *Viti*: an account of a government mission to the Vitian or Fijian Islands in the years 1860-61 ... Cambridge (Macmillan & Co., ...) 1862. (*Viti*).
Publ.: 1 Oct-14 Nov 1862 (p. x: 30 Sep 1862; Bonplandia 15 Nov 1862 "so eben"), p. [i-ii], frontisp., [iii]-xv, map, [1]-447, *3 pl.* (col. liths.). *Copies*: HH, MO, NY, PH, US, USDA. Has a section on plants with a systematic list of plants on p. 431-447, reprinted (or preprinted) as *Syn. pl. vit.*, see above.
Facsimile ed.: 1973, Folkestone (Dawson), also New York (Barnes & Noble), with a new introduction by Philip Snow, Colonial history series 85, ISBN 0-7129-0564-2.

11.610. *The Journal of Botany*, British and Foreign. Edited by Berthold Seemann, ... "Nunquam otiosus" ... London (Robert Hardwicke, ...) Edinburgh (Andrew Elliot, ...), Paris (J. Rothschild), Leipzig (L. Denicke), New York (Westermann) 1863-1945, 80 vols. Oct. (*J. Bot.*).
Publ.: in monthly parts, all dated; several volumes with independently paged supplements. *Copies*: U; IDC 399.
Editors: (1) Berthold Seemann, sole editor vols. 1-7, 1863-1869, assisted by John Gilbert Baker (1834-1920) and Henry Trimen (1843-1896) for vols. 8-9, 1870-1871.
(2) Henry Trimen, assisted by J.G. Baker, vols. 9-13, 1872-1875 (new series 1-4).
(3) Henry Trimen, sole editor, vol. 14, 1876 (n.s. 5).
(4) Henry Trimen, assisted by Spencer Le Marchant Moore (1850-1931), vols. 15-17, 1877-1879 (n.s. 6-8).
(5) James Britten (1846-1924), vols. 18-62, 1880-1924 (vols. 18-20 also as n.s. 9-11).
(6) Alfred Barton Rendle (1865-1938), vols. 63-75, 1925-1937.
(7) John Ramsbottom (1885-1974), vols. 76-80, 1938-1945 (vol. 80, no. 956, August 1942, was published July, 1945).
Title: (1) The Journal of Botany, British and Foreign, vols. *1-17*, 1863-1879, and *21-80*, 1883-1945.
(2) Trimen's Journal of Botany, British and Foreign, vols. 18-20, 1880-1882.
For some time after Seemann's death the journal continued to be referred to unofficially as *Seemann's Journal of Botany*; this, however, never appeared on the official t.p.'s.
Imprints: (1) London (Robert Hardwicke, ...), as in heading, vols. 1-5, 1863-1868.
(2) London (L. Reeve and Co., ...), vols. 6-7. 1868-1869.
(3) London (Taylor and Co., ...), vols. 8-10. 1870-1872.
(4) London (Ranken & Co., ...), vols. 11-15. 1873-1877.
(5) London (West, Newman & Co., ...), vols. 16-53. 1878-1915.
(6) London (Adlard & Son and West Newman), vol. 54. 1916.
(7) London (Taylor and Francis, ...), vols. 55-80. 1917-1945.
Frontipiece portraits: Berthold *Seemann*, vol. 10 (1872).
Friedrich [Martin Joseph] *Welwitsch*, (1806-1876), vol. 11 (1873).

John Joseph *Bennett*, vol. 14. 1876.
Alexander [Carl Heinrich] *Braun*, (1805-1877), vol. 15. 1877.
Elias [Magnus] *Fries*, (1794-1878), vol. 17. 1879.
John *Miers* (1789-1879), vol. 18. 1880.
Hewitt Cottrell *Watson* (1804-1881), vol. 19. 1881.
George Stacey *Gibson* (1818-1883), vol. 21. 1883.
George *Bentham* (1800-1884), vol. 22. 1884.
William Williamson *Newbould* (1819-1886), vol. 24. 1886.
Henry Fletcher *Hance* (1827-1886), vol. 25. 1887.
Thomas Richard Archer *Briggs* (1836-1891), vol. 29. 1891.
Henry *Trimen* (1843-1896), vol. 34. 1896.
Charles Cordale *Babington* (1808-1895), vol. 35,1897.
John Gilbert *Baker* (1834-1920), vol. 39. 1901.
Joseph Dalton *Hooker* (1817-1911), vol. 42. 1904.
Richard Paget *Murray* (1842-1908), vol. 47. 1909.
James *Britten*, (1846-1924), vol. 50. 1912.

11.611. *Histoire naturelle du genre Borassus* de Linné ... [Extrait de la Belgique horticole, 1864]. Oct.
Publ.: 1864, p. [1]-14. *Copy*: G. – Reprinted and to be cited from Belg. hort. 1864: 11-14. Jan, 54-58. Feb, 119-124. Mar-Apr 1874.

11.612. *Histoire naturelle du genre Areca*, de Linné ... [Extrait de la Belgique horticole, 1864]. Oct.
Publ.: 1864, p. [1]-6. *Copy*: G. – Reprinted and to be cited from Belg. hort. 1864: 279-284. Aug-Sep 1864. Text taken from *Pop. hist. palms*, translated by Alfred de Borre.

11.613. *Flora vitiensis*: a description of the plants of the Viti or Fiji Islands with an account of their history, uses, and properties. By Berthold Seemann, ... with one hundred plates by Walter Fitch, ... London (L. Reeve and Co., ...) 1865-1873. Qu. (*Fl. vit.*).
Publ.: in 10 parts 1865-1873 (see below), p. [i*-ii*], portr. of Seemann, [i]-xxxiii, [3]-453, *pl. 1-100* (col. liths. Walter Fitch) (*pl. 2*: map). *Copies*: B-S, BM, BR, FI, G, HH, MO, NY, PH, Teyler, U-V (part 10); IDC 329. – On p. xxxi-xxxiii a biographical account, anonymous, perhaps by W. Carruthers. – The dates of printing-off (not necessarily of publication!) are given on the sheets beginning with Sig. R. (p. 121); p. 325 to the end were not, however, issued till February 1873.

part	pages	*plates*	dates
1	1-40	*1-10*	Mar 1865
2	41-80	*11-20*	11-20 Jun 1865
3	81-120	*21-30*	Jan 1866
4	121-144	*31-40*	2 Apr 1866
5	145-196	*41-50*	1 Oct 1866
6	197-236	*51-60*	1 Oct 1867
7	237-268	*61-70*	28 Feb 1868
8	269-292	*71-80*	31 Jul 1868
9	293-324	*81-90*	1 Oct 1868
10	325-453, i-xxxiii, front	*91-100*	Feb 1873

Number of copies printed: 150.
Facsimile ed.: 1977, J. Cramer, in der A.R. Gantner Verlag Kommanditgesellschaft FL-9490, Vaduz, ISBN 3-7682-1144-4, Historiae naturalis classica tomus 103, p. [i**-iv** new front pages], [i*-ii*, on ii* the portrait of Seemann], [i]-xxxiii, *pl. 1* (on verso of xxxiii), [3]-453, *pl. 2* (map, on verso of 453), *3-100*. *Copy*: FAS. – See Taxon 26: 471. 1977.
Dates: See Stearn (1963); additional data: part 1 "has been published", J. Bot. 3: 72. Feb 1865; part 2 "completed" , 3: 198. Jun 1865; part 3 "now ready", 3: 390. Dec

1865; part 4 "has been published", 4: 128. Apr 1866; part 5: "has just been published", 4: 335. Oct 1866; part 7 "has just been completed", 6: 94. Mar 1868; part 8: "has ... just published", 6: 288. Sep 1868; part 10: "new", 11: 95. Mar 1879.
Collaborators: Babington, Churchill (1821-1899), lichens.
Berkeley, Miles Joseph (1803-1889), fungi.
Carruthers, William (1830-1922), ferns.
Crombie, James Morrison (1830-1906).
Gray, Asa (1810-1888), compared Fiji plants with set plants from U.S. Exploring Exp. (Wilkes).
Reichenbach, Heinrich Gustav (1824-1889), Orchideae.
Schott, Heinrich Wilhelm (1794-1865), Araceae.
Smith, Worthington George, fungi.
Wendland, Hermann (1823-1903), Palmae.
Ref.: Gray, A., J. Bot. 11: 181-182. 1873.
Stearn, W.T., J. Soc. Bibl. nat. Hist. 4: 151-152. 1963, Fl. males. Bull. 18: 1012. 1963, 19: 1148. 1964.

11.614. *Revision of the natural order Hederaceae*, being a reprint, with numerous additions and corrections, of a series of papers published in the Journal of Botany. British and foreign ... London (L. Reeve and Co., ...) 1868. Oct. (*Rev. Hederac.*).
Publ.: 1868, p. [i], [1]-107, [108], *pl.1-7* (uncol. liths. W. Fitch). *Copies*: MICH, NY.
Original publ.: J. Bot. 2: 235-250. 1 Aug, 289-309. 1 Oct 1864.
3: 73-81. 1 Feb, 173-181. 1 Jun, 265-276. 1 Sep, 361-363. 1 Dec 1865.
4: 293-299. 1 Dec, 352-353. 1 Nov 1866.
5: 236-239. 1 Aug, 285-286. 1 Oct 1867.
6: 52-58. 1 Feb, 129-142. 1 Mai, 161-165. 1 Jun 1868.

11.615. *Dottings on the roadside*, in Panama, Nicaragua, and Mosquito ... London (Chapman and Hall, ...) 1869. Oct. (*Dottings roadside*).
Co-author: Bedford Pim.
Publ.: 1869 (J. Bot. Aug 1869), p. [i]-xvi, *pl.* [*1-6*], 2 maps. *Copies*: LC, Liverpool Free Public Libr., NSUB. – Extract: J. Bot. 7: 271-279. 1869.

Seemann, Wilhelm Eduard Gottfried (x-1868), German (Hannover) botanist, geologist and editor; brother of B.C. Seemann. (*W. Seem.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 255 (d. 3 Mar 1868); BM 4: 1892; Jackson p. 477; Rehder 4: 500; TL-1/1221; TL-2/see A.J.A. Bonpland.

BIOFILE: Anon., Bonplandia 6: 52. 1858 (cognomen Leopoldina: Loudon); Bot. Zeit. 26: 640. 1868 (d.); Flora 51: 236. 1868 (d.); J. Bot. 6: 128. 1868 (d.); Österr. bot. Z. 18: 333. 1868 (d.).

COMPOSITE WORKS: Co-editor *Bonplandia* 1-10, 1853-1862, see above under B.C. Seemann.

Seemen, [Karl] Otto von (1838-1910), German (East-Prussian) botanist and soldier; officer in the Prussian army, at Münchengrätz and Königgrätz 1866, in the Franco-Prussian war 1870-1871; from then on in semi-retirement ("Rittmeister a.D.") in Berlin; professor's title 1909; Rother Adlerorden iv. Kl. 1910; active floristic botanist; specialist on *Salix*; longtime honorary collaborator at the Botanical Museum, Berlin. (*Seemen*).

HERBARIUM and TYPES: B (rd 1892; mainly destr.); some material in BHU, L. – Types of new *Salix* species may be in various herbaria, enumerated in *Salic. jap.* p. v-vii. – *Letters* at G.

NOTE: Seemen's brother Hans von Seemen (b. 22 Nov 1836, d. 13 Nov 1909) was an active entomologist who also built up a (small) herbarium which went to the Preussische bot. Verein (now destroyed).

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 335 (ed. 2: 511), 5(3): 26; Backer p. 525; Barnhart 3: 255 (b. 2 Aug 1838, d. 23 Jun 1910); Biol.-Dokum. 16: 8569-8570; BL 1: 54, 2: 162; BM 4: 1892-1893, 8: 1175; Christiansen A629; Hortus 3: 1204; IH 2: (files); Langman p. 692; LS 24580; MW p. 443; Rehder 5: 791; TL-2/200, 7684; Tucker 1: 644; Urban-Berl. p. 396; Zander ed. 10, p. 715-716, ed. 11, p. 816.

BIOFILE: Anon., Ber. deut. bot. Ges. 28: (74). 1910 (d.).
Bässler, M., Wiss. Z. Humboldt Univ. Berlin mat.-nat. R. 19(2/3): 299. 1970 (Salix in BHU).
Harms, H., Verh. bot. Ver. Brandenburg 52: (51)-(64). 1911 (obit., bibl., epon.) (abstract Just's Bot. Jahresb. 2. 39: 919-920. 1915).

COMPOSITE WORKS: (1) *Salix*, *in* Ascherson & Graebner, *Syn. mitteleur. Fl.* 4: 54-80. 11 Aug 1908, 81-160. 30 Mar 1909, 161-240. 26 Oct, 241-320. 31 Dec 1909, 321-350. 2 Aug 1910, see below *Mitteleur. Weiden* 1911.
(2) *Salix*, *in* Ascherson & Graebner, *Fl. Nordostdeut. Flachl.* 233-246. 18 Aug 1898.
(3) *Fagaceae*, *in* Th. Loesener, *Beitr. Kenntn. Fl. Central-Amer.* ii, Bot. Jahrb. 27(Beibl. 64): 9-10. 1900.
(4) *Fagaceae*, *in* Schumann-Lauterbach, *Fl. deut. Schutzgeb.* 263-264. *pl. 4.* 1900.
(5) *Fagaceae*, *in* J. Perkins, *Fragm. Fl. Phil.* 1: 41-42. 1904 (TL-2/7684).
(6) *Salicaceae*, *in* L. Diels, *Beitr. Fl. Central-China*, Bot. Jahrb. 36 (Beibl. 82): 28-32. 1905, *Fagaceae*, ib. p. 33. 1905.
(7) *Salix*, *in* O. Paulsen, *Leutnant Olufsens second Pamir-Expedition*, Bot. Tidsskr. 29: 157-158. 1909.
(8) *Fagaceae*, *in* C.E.A. Wichmann, Nova Guinea 8(2): 413. 1910.

11.616. *Salices japonicae.* Kritisch bearbeitet von O. Seemen ... Leipzig (Verlag von Gebrüder Borntraeger) 1903. Oct. (*Salic. jap.*).
Publ.: Feb-Mar 1903 (p. vii: Nov 1902; ÖbZ Feb-Mar 1903; Bot. Zeit. 1 Mai 1903; NY rd Mai 1903; Bot. Centralbl. 2 Jun 1903; Nat. Nov. Apr(1) 1903), p. [i]-vii, [1]-83, *pl. 1-18* (uncol.; Bartusch). *Copies*: B, BR, G, HH, M, MICH, NY, US, USDA. – Dedicated to A. Engler.
Ref.: Graebner, P., Bot. Jahrb. 33(Lit.): 3. 8 Dec 1903 (rev.).
Mez, C., Bot. Centralbl. 95: 267. 22 Mar 1904 (rev.).

11.617. *Das von H. Pittier und Ad. Tonduz in Costa-Rica gesammelte Quercus-material* ... [Bull. Herb. Boissier ser. 2. 4(7). 1904]. Oct.
Collectors: Henri François Pittier de Fabrega (1857-1950), Adolphe Tonduz (1862-1921).
Publ.: 30 Jun 1904 (in journal), p. [1]-6. *Copies*: G, U, US. – Reprinted and to be cited from Bull. Herb. Boiss. 4(7): 651-656. 30 Jun 1904.

11.618. *Cupuliferen* in dem Herbar zu Buitenzorg, bearbeitet von O. von Seemen. [Buitenzorg (Imprimerie du département) 1906]. Oct.
Publ.: Jan-Mar 1906 (Nat. Nov. Apr(2) 1906), p. [1]-14. *Copy*: BR. – Issued as, and to be cited from Bull. Dép. Agric. Indes néerl. 1: 1-14. 1906. – Types in BO.

11.619. *Mitteleuropäische Weiden* von † Professor O. von Seemen ... Leipzig (Verlag von Wilhelm Engelmann) 1911. Oct. (*Mitteleur. Weiden*).
Publ.: 1911 (as reprint), portr., p. [i], [54]-350. *Copy*: USDA. – Posthumously reprinted with special t.p., portr. and cover, and to be cited from Ascherson & Graebner, *Syn. mitteleur. Fl.* 4: 54-80. 11 Aug 1908, 81-160. 30 Mar 1909, 161-240. 26 Oct 1909, 241-320. 31 Dec 1909, 321-350. 2 Aug 1910.

Seenus, Joseph Freiherr von (*fl.* 1805), Austro-Hungarian botanist; travelled in Istria and Dalmatia ca. 1798-1802. (*Seenus*).

HERBARIUM and TYPES: Unknown; a few specimens at MW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 255; Kanitz no. 96; PR 8584, ed. 1: 9529; Rehder 1: 447; Saccardo 1: 152.

BIOFILE: Anon., Bot. Zeit., Regensburg 2: 255. 1803 (travel rep.).
Beck, G., Veg.-Verh. Illyr. Länd. 3, 43. 1901 (Veg. Erde 4).
Lindemann, E. v., Bull. Soc. Natural. Moscou 61(1): 70. 1886 (some material in MW).
Sabidussi, H., *in* Beitr. naturw. Heimatk. Kärntens, Sonderheft 1, Carinthia 2: 55. 1930.

11.620. *Beschreibung einer Reise nach Istrien und Dalmatien* vorzüglich in botanischer Hinsicht von dem Freyherrn Joseph von Seenus in Klagenfurth. Mit einer Vorrede begleitet von ... Hoppe ... Nürnberg und Altdorf (bei J.C. Monath und J.F. Kussler) 1805. Oct. (*Beschr. Reise Istr. Dalmat.*).
Preface: David Heinrich Hoppe (1760-1846).
Publ.: Apr-Mai 1805 (p. 8: Mar 1805), p. [1]-77. *Copies*: G, USDA. – Beilage zum botanischen Taschenbuche auf das Jahr 1805. This *Taschenbuch* (see TL-2/3033) was publ. Apr-Mai 1805.

Seetzen, Ulrich Jasper (1767-1811), German (Oldenburg) naturalist and traveller at Jever; Dr. phil. Göttingen 1789; traveller in the Orient and Africa 1802-1811. (*Seetzen*).

HERBARIUM and TYPES: Some material (phan., lich.) at H. – A note in Bot. Zeit. (15: 64. 1857) states that the remains of Seetzen's Orient herbarium at Gotha would be handed to H.G.L. Reichenbach at Leipzig; however, this was never realized; the specimens were in very poor shape (see Kruse (1859) in note below).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 256 (b. 30 Jan 1767, d. 8 Sep 1811); BM 4: 1893; CSP 5: 623-624; De Toni 1: cxv; Dryander 3: 128, 425, 654; LS 24581; PR 8585, ed. 1: 9530; Rehder 1: 202, 4: 159; Tucker 1: 644.

BIOFILE: Anon., Bonplandia 5: 225. 1857 (herb. at Gotha to H.G.L. Reichenbach); Bot. Zeit. 1 (Int. Bl.): 175. 1843 (seed collection for sale); Brit. Mus. gen. cat. print. books 218: 374-375. 1964; Cat. gén. livr. impr. Bibl. natl. 169: 722. 1946; Encycl. brit. ed. 11. 24: 581. 1911.
Blatter, E., Rec. Bot.-Surv. India 8(5): 452, 463. 1933.
Embacher F., Lexik. Reisen 268. 1882.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 891. 1863.
Ritter, C., Z. allg. Erdk. 3: 217-219. 1854 (brief biogr., note on collections).
Seetzen, U.J., Ann. Bot., Usteri 16: 20-26. 1795 (Ueber die Pflanzenverzeichnisse gewisser Gegenden (Florae) ...).
Stewart, R.R., Taxon 33: 52. 1984 (died from poisoning in Yemen).

NOTE: A report on Seetzen's travels was published, with a commentary by C.F.H. Kruse, in collaboration with Hinrichs, by G.Fr. Hermann Müller and H.L. Fleischer: "Ulrich Jasper Seetzen's *Reisen durch Syrien, Palästina, Phönicien, die Transjordan-Länder, Arabia petraea und Unter-Aegypten*, 4 vols. Berlin (G. Reimer) 1854-1859, (copy: U). The account contains little botany; the explanation is given in vol. 4 (commentary by Kruse and Fleischer) on p. xxvii (and in 1: xliv): "Die von Seetzen geschickten Pflanzen fand ich [Kruse].... in einem sehr traurigen Zustande ...". An attempt to have them identified by H.G.L. Reichenbach failed. *Copies*: LC, NSUB, U-UB. – See also his *A brief account of the countries adjoining the Lake of Tiberus* ... Bath 1810.

EPONYMY: *Seetzenia* R. Brown (1826).

11.621. *Systematum generaliorum de morbis plantarum* brevis dijudicatio. Tentamen inaugurale botanico-pathologicum quod consentiente illustri medicorum ordine in Academia Georgia Augusta pro obtinendo gradu doctoris medicinae et chirurgiae d. xxii. Sept. mdcclxxxix publico examini submittit Ulricus Jasper Seetzen sophiengradajeveranus. Gottingae [Göttingen] (Typis Jo. Christ. Dieterich) [1789]. Oct. (*Syst. morb. pl.*).
Publ.: 22 Sep 1789, p. [1]-62, [63-64]. *Copies*: E, KSC, NSUB.

Segerstedt, Per Simeon Julius (1866-ca. 1930), Swedish high school teacher and

botanist; Dr. phil. Uppsala 1894; teacher of biology and chemistry at various high schools, ultimately headmaster at Västervik. (*Segerstedt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 256 (b. 10 Jul 1866); BM 4: 1893; KR p. 634; Rehder 1: 106; Tucker 1: 644.

BIOFILE: Wittrock, V.B., Acta Horti Berg. 3(2): 70. 1903, 3(3): 52. 1905 (on portr.).

11.622. *Studier öfver buskartade stammars skyddsväfnader.* Akademisk afhandling, som med tillstånd af vidtberömda filosofiska fakulteten i Upsala för vinnande af filosofie doktorsgrad till offentlig granskning framställes af Per Segerstedt, ... å zoologiska lärosalen lördagen den 19 Maj 1894 kl. 10 f.m. ... Stockholm (Kungl. boktryckeriet. P.A. Norstedt & Söner) 1894.Oct. (*Stud. buskart. stamm. skyddsväfn.*).
Thesis ed.: 1-19 Mai 1894, p. [i], [1]-86, [87], *pl. 1-3. Copies*: BR, LD, NSUB, US.
Commercial ed.: 1894 (Nat. Nov. Mar(2) 1895), p. [1]-86, [87], *pl. 1-3. Copies*: F, U; IDC 7670 (340-342). – Issued as Bih. k. Sv. Akad. Handl. 19, Afd. 3(4). 1894.

Segret, L. (1867-1949), French clergyman and botanist. (*Segret*).

HERBARIUM and TYPES: Some material in BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 256; BL 2: 171, 715.

11.623. *Catalogue raisonné des plantes vasculaires de la Sologne.* [Bull. Soc. bot. France 72, 1925, i.e. 1931].
Publ.: Bull. Soc. bot. France 72 (Sess. extr.): 59-122. 1931. [Session extra issue of vol. 72 "1925", publ. 1931; rd US 8 Apr 1931.

Séguier, Jean François (1703-1784), French botanist, historian, bibliographer and archeologist at Nîmes; studied law at Montpellier and botany at Paris with Antoine de Jussieu; accompanied the archeologist Francesco Scipione on his European travels 1732-1736, visiting e.g. Holland (Boerhaave, J.F. Gronovius, G.P. van Swinden); to Verona with Scipione 1736-1755; at Nîmes 1755-1784 working mainly on archeology. (*Séguier*).

HERBARIUM and TYPES: Municipal library (Bibliothèque Séguier) Nîmes, France; further material in LINN (Monte Carlo, nr Verona), M (types Monte Baldo), and P (via Pourret). Manuscripts also at Bibl. Séguier, Nîmes; correspondence ib. 17 vols. Other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 776, 12(3): 552; Backer p. 525, 568; Barnhart 3: 256 (b. 25 Nov 1703, d. 1 Sep 1784); BM 4: 1894; Bossert p. 359; Dryander 3: 7, 147-148; DTS 1: 278; Frank 3 (Anh.): 95; GR p. 351; Hegi 3: 327, 570, 4(2): 604, 5(1): 177, 5(2): 1318; Henrey 2: 84n., 86; Herder p. 75, 180; Hortus 3: 1204; HU 525; Jackson p. 1, 323; Kelly p. 211; Lasègue p. 321, 336, 337, 341, 358; LS 24581a; NI 1829; Plesch p. 403; PR 1081, 3609, 8586-8591, ed. 1: 3921; Rehder 5: 792; Saccardo 1: 152, 2: 100, cron. p. xxxiii; SK 1: cxvii; SO 632b, 3613; Sotheby 691; TL-1/1222-1223; TL-2/4230, see P.J. Bergius; Zander ed. 10, p. 716, ed. 11, p. 816.

BIOFILE: Amoreux, P.J., Mém. Soc. Linn. Paris 1: 697-702. 1822 (corr. Gouan-Séguier).
Anon., Brit. Mus. gen. cat. print. books 218: 430-431. 1964; Cat. gén. livr. impr. Bibl. natl. 169: 873-874. 1946.
Candolle, Alph. de, Phytographie 450. 1880.
Chardon-la-Rochette, M., Mag. encycl. 1805(6): 349-353 (lettre ... sur les manuscrits de J.F. Séguier).
Dacier, Giorn. Lett., Pisa 66: 304-306. 1787 (éloge; n.v.).
Dandy, J.E., Regn. veg. 51: 18-19. 1967 (generic names in Pl. Veron. suppl.).
Desgenettes, R., Dict. sci. méd., Biogr. méd. 7: 192-194. 1825.
Fisquet, H., *in* Hoefer, ed., Nouv. biogr. gen. 43: 702-703. 1867.

Fries, Th.M., Bref Skrifv. Linné 1(3): 68. 1909, 1(5): 11, 247. 1911, 1(6): 235. 1912, and J.M. Hulth, 1(7): 134. 1917.
Hulth, J.M., Bref Skrifv. Linné 2(1): 21, 22, 23. 1916, and A.H. Uggla 2(2): 89, 90. 1943.
Jackson, B.D., Proc. Linn. Soc. 134 (suppl.): 19. 1922 (alpine plants Monte Baldo at LINN).
Johnson, D.F., Huntia 3(2): 113-114. 1979 (reviews Bibl. bot.).
Lowden, R.M., Taxon, Index pers. names 657. 1984.
Martins, Ch., Le Jardin des Plantes de Montpellier 32. 1854.
Martius, C.F.P., Flora 34: 4. 1851 (pl. Monte Baldo at M).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 894. 1863.
Saccardo, P.A., Malpighia 17: 272. 1902 (mentions a handwritten Index Linnaeanus *in* J.F. Seguieri Methodicam synopsin stirpium quae in agro Veronensi reperiuntur, dated Paris 1798, 138 p.).
SI-D., *in* J.Fr. Michaud, Biogr. univ. 38: 666-667. 1854f.
Stafleu, F.A., Linnaeus and the Linnaeans 272-273. 1971; Séguier and botanical bibliography (unpublished mss., based on notes taken from S.'s mss. and corr. at Nîmes).
Stieber, M.T. et al., Huntia 4(1): 86. 1981 (arch. mat. HU).
Verdoorn, F., ed., Chron. bot. 1: 337. 1935.
Wittrock, V.B., Acta Horti Berg. 3(2): 117. 1903 (on portr.).

EPONYMY: *Seguiera* O. Kuntze (1891); *Seguieria* Loefling (1758).

HANDWRITING: S. Savage, Cat. Linn. herb. fig. 24. 1945.

11.624. *Bibliotheca botanica*, sive catalogus auctorum et librorum omnium qui de re botanica, de medicamentis ex vegetabilibus paratis, de re rustica, & de horticultura tractant, a Joanne Francisco Seguierio nemausense digestus. Accessit Bibliotheca botanica Jo. Ant. Bumaldi, seu potius Ovidii Montalbani bononiensis ... Hagae-Comitum ['s Gravenhage; the Hague] (apud Joannem Neaulme) 1740. Qu. (*Bibl. bot.*).
Publ.: 1740, p. [1]-16, [1]-450, [Montalbani:] [1]-66. *Copies*: B-S, FI, G, HH, M, MICH, MO, NY, PH; IDC 5740.
T.p. Montalbanus: "*Bibliotheca botanica*, seu herbaristarum scriptorum promota synodia; cui accessit individualis graminum omnium ab auctoribus hucusque observatorum numerosissima nomenclatura, Jo. Antonio Bumaldo bonon. collectore: primùm Bononiae, typis heredum Benatii, anno 1657 impressa, nunc iterùm edita". Hagae-Comitum (apud Joannem Neaulme) 1740. Qu. See *note* (*2*) below.
Supplement: see below, *Pl. veron.* 2, 1745, additional item, p. [1]-79.
Other ed.: 1760, p. [1]-16, [1]-450, Montalbani 1-62, 55-66, Gronovius: [i, iii], 1-65, [1-7] consists of the following:
Séguier: *Bibliotheca botanica*, sive ... bononiensis nec non auctuarium in bibliothecam botanicam cl. Seguierii opera Laur. Theod. Gronovii ... Lugduni Batavorum [Leiden] (apud Cornelium Haak) 1740 [err. for 1760]. Qu., p. [1]-16, [1]-450.
Montalbani: Bibliotheca botanica, seu herbaristarum ... edita. Lugduni Batavorum (apud Cornelium Haak) 1760. Qu., p. [i, iii], 1-62, 55-66.
Gronovius: *Auctuarium in bibliothecam botanicam*, antehac a clariss. viro, botanico eximio d.d. Joanne Francisco Seguierio, conscriptam & editam prolatum a Laur. Theod. Gronovius ... Lugduni Batavorum (apud Cornelium Haak) 1760. Qu., p. [i, iii], 1-65, [1-7]. – Laurens Theodoor Gronovius (1730-1777).
Copies: B-S, BR, FI, HH, HU, NY, PH.
Supplement to Bibl. bot.: see below, Séguier, *Pl. veron.*, 2, 1745, as additional item, p. [1]-79.
Reviews of 1740 issue, Commercium litterarium 1741: 137-139, 145-152, 159-160, Neue Zeit. gel. Sach. 1740(2)(97): 867-869. 5 Dec 1740, Ber. neu. gel. Sach. Hamburg 10(33): 279-280. 28 Apr 1741; Comm. Lit. Rei med. sci. nat. Incr. 1741(18): 127-139. 3 Mai 1741, (19): 145-152. 10 Mai 1741, (20): 159-160. 17 Mai 1741 (see D.E. Johnson, Huntia 3(2): 113-114. 1979).
Note (1) on Seguier's *Bibliotheca botanica*. Séguier quotes with approval the bipartite division of botanical publications made by Tournefort in his *Institutiones* (ed. 3, 1719): the works dealing with botany proper and those dealing with the medicinal uses of

plants. Those two categories are dealt with in the first and second parts of the *Bibliotheca*, but the "vires" were taken very narrowly, and a third part dealing with horticulture and agriculture was necessary. In addition to this there is a forty-page *Index rerum* which is singularly impractical because the reference is only to authors' names and not to pages, or even to the three main parts.

The bibliography includes not only books and other independent bibliographical productions, but also references to publications in the periodical literature. Haller (1771-1772) and Dryander (1798-1800) later did the same, thus obviating the need for a special catalogue of botanical publications in the periodical literature of the eighteenth century. Almost all entries are quite detailed. The authors' names are followed by brief indications of profession and nationality (usually taken from Montalbanus, Tournefort or Jussieu) and Séguier frequently provides in the margin, in minute print, abbreviated references to biographical literature.

The entries for the publications contain usually the title fully transcribed and in the original language, the place of publication, the publisher, the size (although not the number of pages) and sometimes a critical commentary and an indication of the location where he saw the book or found a reference to it. These statements of location are obviously of great importance because they will very often allow us at once to identify the library where the publications are presently located; an item of information of capital value for many of these rare books.

A further interesting and especially useful feature is again the provision of marginal notes giving relevant references to reviews, publications, comments or other secondary publications relevant to the main entry. These references are often to the main secondary literature of Séguier's time, e.g. to the *Acta eruditorum*, published at Leipzig (50 vols., 1682-1732), the *Journal des Sçavans*, the *Giornale de' Letterati* (Venice).

The first two parts of the *Bibiotheca botanica* are not provided with introductions. Séguier explains in his preface (p. 5) that Tournefort's *Isagoge* is sufficient introduction to the subject. For the third part, however, he provides an introduction on the early development of the literature on horticulture and agriculture.

The coverage of the book is excellent, due to the fact that Séguier saw an unusual number of libraries on his European tour. He furthermore consulted as many catalogues of private libraries as possible. With the major Paris and London libraries accounted for, with the information obtained from Gronovius in Holland, and with his careful scanning of the literature, Séguier achieved a very high degree of coverage. The system of cross-references is good and special attention is given to contributions by one author to the work of a second.

A letter from C.P. van Swinden at the Hague to Séguier, dated 23 September 1740, now at Nîmes, makes it clear that van Swinden acted as an intermediary between Séguier and the publisher. Séguier had sent some *errata* but van Swinden says that they arrived too late to be incorporated. The work was not only ready at the time he wrote his letter, but quite a few copies had already been distributed. Van Swinden advises Séguier to keep them for a second edition, or for an appendix. "Comme les livres de Botanique s'augmentent tous les jours aussi bien que ceux des autres sciences il y a apparence que vous ne manquerez pas d'initiatives". He adds that complimentary copies have been sent to various scientists, among them Sloane, Burman and Gronovius. The proofs had been read by himself and by a physician from the Hague who is not mentioned by name.

Reviews and announcements of the *Bibliotheca botanica* in the contemporary periodical literature are relatively scarce. (see above, *Reviews*). The *Commercium litterarium* of 1741 gives a lengthly "review" on 3, 10 and 17 May 1741, mainly consisting of an enumeration of titles followed by criticism of some details. It ends with the somewhat enigmatic statement on the differences between the bibliographies of Linnaeus and Séguier: "Thus our attempt surpassed that of Linnaeus; in the same way someone else will correct our own shortcomings". A second "edition" of the *Bibliotheca botanica* was published in Leiden by Cornelius Haak in 1760. This is actually a reissue of the old sheets with a new title-page and with the addition of Gronovius' *Auctuarium*. The bibliography of Séguier's book has been complicated by the fact that the main title-page of this reissue (Leiden) carries the date 1740 rather than 1760; this is evidently an error, because the Montalbanus item and the Gronovius *Auctuarium*, which are bound with the reissue, both carry the correct date. The main title-pages can easily be

distinguished because the original one has the imprint Hagae-Comitum [the Hague] apud Joannem Neaulme; the reissue is from Leiden by Haak.

Note(2) on Ovidius Montalbanus (1601-1671) and *Bibliotheca botanica*, the text of which was reprinted by Séguier in 1740:

Montalbanus, professor of natural sciences and mathematics at Bologna, published, in 1657, a *Bibliotheca botanica* under the pseudonym Johannus Antonius Bumaldus. Linnaeus, at the time of his *Bibliotheca botanica*, had not yet seen the book and did not know that the author's name was a mystification. This publication was the main source for Séguier with respect to older literature; he included a reprint of it in his own *Bibliotheca botanica* of 1740, citing the actual name of the author: Ovidius Montalbanus (1601-1671)... Séguier praises the work highly and explains that Jo. Ant. Bumaldus is an anagram of the real author's name (Io. Antonius Bumaldus *versus* Ovidius Montalbanus). There are four parts: *Graeci*, *Latini veteri extantes*, *Scriptores arabes extantes*, and *Recentiores* ... The order is more or less chronological under each heading; in the case of the *recentiores* the order is more or less chronological by the date of each author's first publication. Montalbanus provides useful biographical information and on the whole it can be said that the book is fairly complete. The works of Aldrovandi (Montalbanus' teacher, whose collections he was curating) receive especially detailed treatment. Bumaldus very definitely does full justice to Montalbanus: on p. 38 we find a neat biographical summary with a list of quite a few - mostly unpublished - works. He bestows high praise upon his alter ego when speaking about the *Hortus botanographicus* (then in manuscript, published in 1670): "Tres tandem tomos Botanographiae in octava folii forma, mole quidem parvos, sed virtute quàm maximos nec non admirabilissimos, ad manus habet, in quibus innumerae Plantae quantumvis procerae & ingentes a natura & arte simul junctis artificiosissimè ... effigiatae visuntur in aeternitatem ... persentiuntur". Had Montalbanus only known that he would find, less than a century later, a sympathetic admirer in Séguier, he might perhaps have spared Bumaldus this panagyric upon himself. Meyer, in his *Geschichte der Botanik* (4: 269. 1857), notes kindly that this praise of his own publications is not all that conspicuous, because Bumaldus praises every botanist from Bologna above all others.

Notwithstanding all this embellishment, however, Bumaldus' *Bibliotheca botanica* was undoubtedly a significant bibliographical effort from which his most important followers, Séguier and Haller, derived much benefit. The original publication of 1657 (which we have not seen) numbers 188 pp. in duodecimo, the lists of which are occupied by a special bibliography of publications on grasses. This part, entitled *Species graminum individuales*, occupies p. 41-62 of the Séguier reprint of 1740 and consists of a list of books treating grasses, with indication of the described or depicted species; it is, probably the first published agrostological bibliography. The book ends with a useful alphabetical index to author's names.

Note(3) on the 1760 supplement by Laurens Theodoor Gronovius (1730-1777) entitled: *Auctuarium in bibliothecam botanicam*. Leiden, 1760, Cornelius Haak.

This *Auctuarium* was issued "fere semper" (Pritzel) together with the 1760 reissue of Séguier's *Bibliotheca botanica*. We know of no separate copies, but Pritzel's statement seems to imply that they occur. Dryander (Cat. Banks 3: 7) cites the book as an independent entity. Laurens Theodoor Gronovius was the son of Jan Frederik Gronovius (1690-1762), the well-known Leiden patron of Linnaeus. Laurens Theodoor Gronovius published, in addition to this *Auctuarium*, the second edition of his father's *Flora virginica*. His other publications are mainly zoological, including a *Bibliotheca regni animalis atque lapidei* of 1760. For a detailed list of L.T. Gronovius' publications see Dryander (1798-1800).

Note(4) on the 1745 supplement by Séguier himself, published in the second volume of his *Plantae Veronenses*, entitled Joannis Francisci Seguieri *Bibliothecae botanicae quae prodiit Hagae Comitum anno MDCCXL Supplementum.*

This is the supplement mentioned by Séguier in his letter to Linnaeus. There are 79 pages; the pagination in the 1745 issue was independent of that of the *Plantae Veronenses*.

In his preface Séguier mentions again his indebtedness to the Dutch classicist Gerard Jacob van Swinden, who sent him many corrections and additions, especially with respect to editions of classical authors. The literature of 1740-1745 is added, although not in the same detail as in the original work. Some last-minute acquisitions

are mentioned on p. 72 and 73 in the addenda, "including even a Linnaean dissertation from 1745 ("*Dissertatio de Corallis maris Balthici*"; title actually slightly changed).

11.625. *Catalogus plantarum quae in agro Veronensi reperiuntur* ... Veronae [Verona] 1745. Oct. (*Cat. pl. Veron.*).
Publ.: 1745, p. [3]-111, *Copies*: B-S, HH, USDA.

11.626. *Plantae veronenses.* seu stirpium quae in agro Veronensi reperiuntur methodica synopsis. Auctore Joanne Francisco Seguierio nemausensi. Accedit ejusdem Bibliothecae botanicae supplementum .... Veronae (typis Seminarii) 1745-1754. 3 vols. (*Pl. veron.*).
1: 1745, p. [i]-lxxi, [lxxii], [1]-516, [517], *pl. 1-12* (uncol. copp.).
2: 1745, p. [1]-480, *Bibl. bot. suppl.*: [1]-79, *pl. 13-17* (id.), p. [1] of suppl.: Joannes Francisci Seguierii Bibliotheca botanicae quae prodiit Hagae Comitum anno mdccxl supplementum – Contains on p. 443-447 additions to Francesco Calzolari (1521-c. 1600), Il viaggio di Monte Baldo ... Venetia 1566, Iter Baldi civitatis Veronae montis, ib. 1571.
3: Jul-Aug 1754 (GGA 7 Oct 1754, Séguier sent a copy to Linnaeus on 5 Sep 1754), p. [i]-xv, [xvi], [1]-312, [1-8, index], *pl. 1-8* (id.). *Plantarum quae in agro Veronensi reperiuntur* supplementum seu volumen tertium. Opera Jo. Francisci Seguierii. Veronae (ex Typographia Antonii Andreonii ...) 1754. Oct.
Copies: B, B-S, BR, FI, G, HH, HU, L, MICH, MO, NY, USDA (vol. 3 seen only at G).
Notes: a proposal by A.J. Wilmott (Bull. misc. Inf. Kew 1935: 90-91) to treat names in the *Pl. veron.* as not validly published was rejected by the Amsterdam International botanical Congress of 1935. – For a note on the present status (validly publ.) of Séguier's generic names see J.E. Dandy, Regn. veg. 51: 18-19. 1967. – See also ICBN Art. 41, ex. 1, for an example involving the *Pl. veron.* – Séguier does not use Linnaean binary names for his species; his generic names, however, are validly published either by reference to an earlier description or by the provision of a new description.

Segura, José Carmen (1846-1906), Mexican botanist and agricultural engineer; studied at the Escuela de Agricultura, Mexico; in the Mexican army as technical engineer 1870-1876; later teaching at agricultural schools and employed by the Mexican government in various administrative and advisory capacities. (*Segura*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 256 (d. 12 Feb 1906); Langman p. 692 (bibl.); Rehder 3: 118, 592; Tucker 1: 644.

BIOFILE: Anon., Bol. Soc. agric. mexic. 30: 121. 1906 (obit.); Cat. gén. livr. impr. Bibl. natl. 169: 1082-1083. 1946; La Naturaleza 3(1, 1): [53-54]. 1910 (obit.); Progreso de México 2(83): 3. 1895 (n.v.).
Balestrier, L. de, Bol. Soc. agric. mexic. 30: 143-146. 1906 (portr., obit.).
Inda, J.R., Revist. mexic. hist. nat. 9(3-4): 325-327. 1948 (biogr. sketch).
Leon, N., Bibl. bot. mexic. 235-236. 1895 (bibl.).
Villada, M.M., Bol. Soc. agric. mexic. 30: 146-147. 1906 (oration).

11.627. *Reseña sobre el cultivo de algunas plantas industriales* que se explotan ó son susceptibles de explotarse en la República formada por Jose C. Segura y Manuel D. Cordero por encargo de la Comision mexicana para la exposicion de Nueva Orleans. México (Oficina tipografica de la secretaria de fomento ...) 1884. Oct. (*Reseña pl. industr.*).
Co-author: Manuel D. Cordero.
Publ.: 1884, p. [i*], [i]-v, [1]-339, [340-341, index], *2 pl. Copy*: USDA. – According to Langman (p. 692 q.v. for further details) also published in Bol. Min. Fom. Méx. 10: 163, 166, 171, 175, 179, 183, 188, 190, 199, 204, 207, 215, 223, 228, 231, 244, 248, 251, 255, 260, 264, 288, 292, 295, 299, 304, 308, 312, 316, 320, 324, 328, 335, 338. 1885.
Later eds.: ed. 2, as *El Maguey* ..." 1887, ed. 3. 1891, ed. 4. 1901, see Langman and Tucker.

11.627a. *El Maguey* memoria sobre el cultivo y beneficio de sus productos ... Segunda edicion escrita para la "Revista agricola". México (Officina tip. de la secretaria de fomento ...) 1887. Oct. (*Maguey*).
Ed. 1: text on "el Maguey" included in the above-mentioned Reseña pl. industr. 1884.
Ed. 2: 1887, p. [1]-220, [221, err.; 223, contents], *3 pl. Copy*: HH.
Ed. 3: 1891 n.v.
Ed. 4: 1901, p. [1]-407, [i]-ii, err., [409]-411, *pl. 1-8, 8bis, 9, 10* ["*15*"], *11-14, 15(1), 15(2), 17, 18, 19(1), 19(2), 20(1), 20(2), 21(1), 21(2), 22. Copy*: HH. "Cuarta edicion corregida y aumentada". Mexico (Imprenta particular ... Agricola mexicana ...) 1901. Oct.

Sehlmeyer, Johann Friedrich (1788-1856), German (Hannover) botanist and pharmacist; from circa 1821 until 1852 in charge of the "Hofapothek" in Köln. (*Sehlm.*).

HERBARIUM and TYPES: BHU. – Some further material at Bonn, H, KIEL and NA (bryo.). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 257 (b. 22 Feb 1788, d. 1 Sep 1856); Biol. Dokum. 16: 8577; BM 4: 1894; GR p. 138; Jackson p. 13; KR p. 634 (also: 208, no. 105); LS 24587-24588; PR 8592, 10346, ed. 1: 11319; SY p. 65.

BIOFILE: Anon., Bot. Not. 1858: 14 (d.); Flora 6: 735-736. 1823 (works on a Flora bonnensis et coloniensis), 24: 330. 1841 (activity Bot. Ver.), 40: 93. 1857 (obit.).
Bässler, M., Wiss. Z. Humboldt-Univ. Berlin, mat.-nat. R. 19: 297. 1970 (Sehlmeyer's herb. was part of herb. Nat. Ver. Preuss. Rheinl.; this was given by Bonn to Berlin-Dahlem (B) in 1936 but stored in the Erwin-Baur Institute during World-War II; ("gerettet") taken away by Soviet troups to the U.S.S.R., handed over to BHU in 1964).
Oligschläger, F.W., Flora 16: 347-348. 1833 (coll. Rhineland).
Sayre, G., Bryologist 80: 518. 1977 (coll. H-Sol.).
T., Bot. Zeit. 15: 63-64. 1857, Bonplandia 5: 225. 1857 (obit.).
Verdoorn, F., Chron. bot. 3: 22. 1937.
Wirtgen, F., S.B. nat. Ver. Preuss. Rheinl. 1907(1): E49. 1908 (herb. Sehlmeyer came to this society [it is now at BHU]; Flora 24: 329. 1841 (activities Bot. Ver. Mittel-Niederrhein.), 25: 396. 1842 (collaboration *Prodr. Fl. preuss. Rheinl.*).

COMPOSITE WORKS: *Carex* and *Gramineae in* P. Wirtgen, *Prodr. Fl. preuss. Rheinl.* 1842, q.v.

11.628. *Index alphabeticus specierum hymenomycetum* in Epicrisi systematis mycologici Friesii descriptarum earumque synonymarum conscripsit J.F. Sehlmeyer. Coloniae ad Rhenum [Köln] (typis et sumtibus Joannis Petri Bachemii) 1852. Oct. (in fours). (*Index alph. hymenomyc.*).
Publ.: 1852 (Flora 21 Jun 1852 "so eben"), p. [1]-58, [1, err.]. *Copies*: B, FI, NY, Stevenson. – Index to E.M. Fries, *Epicr. syst. mycol.* 1836-1838, see TL-2/1882.

Sehnem, Aloysio (1912-1981), Brazilian bryologist, pteridologist and clergyman (S.J.; ord. 1943); teacher at Florianópolis 1940-1943, and at Salvador du Sul 1943-1957; professor at Cristo Rei (later: Universidade do Vale do Rio dos Sinos) 1957-1981; Dr. phil. 1974. (*Sehnem*).

HERBARIUM and TYPES: PACA; other material at B (extant), HBR, MO.

BIOFILE: Backes, A., Iheringia, Bot. 30: 37-47. 1983.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 657. 1985.
Reitz, R., Amer. Fern J. 72: 29. 1982 (obit., b. 24 Nov 1912, d. 19 Mar 1981).
Souza Sobrinho, R.J. de, Insula 8: 20-21. 1976.
Wasum, R.A., Soc. bot. Brasil, xxxiii Congr. nac. Bot., Resumos 35. 1982 (obit., portr.).
Wenzel, G.A., Acta biol. leopold. 3(1): 5-14. 1981 (obit., portr., bibl.).

Seidel, Carl A.J. (1858-?), German (Kiel) botanist and high school teacher; studied at

Kiel, Halle and München; state teacher's examination Kiel 1882; teacher at various gymnasia in northern Germany; Dr. phil. Kiel 1890. (*C.A. Seidel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 257.

BIOFILE: Seidel, C.A.J., Curriculum vitae, in his *Beitr. Anat. Saxifr.* 1890, p.[53], (b. 15 Mar 1858).

11.629. *Beiträge zur Anatomie der Saxifrageen.* Inaugural-Dissertation zur Erlangung der Doctorwürde der philosophischen Fakultät der Christian-Albrechts-Universität zu Kiel vorgelegt von Carl Seidel aus Oppendorf. Kiel (Druck von Carl Böckel) 1890. Oct. (*Beitr. Anat. Saxifr.*).
Publ.: 1890 (Nat. Nov. Mar(2) 1891), p. [1]-51, [53, vita], [55, theses]. *Copies*: FI, M, NY.
Ref.: Roth, E., Bot. Centralbl. Beih. 1(7): 519-520. 1891 (rev.).

Seidel, Christoph Friedrich (*fl.* 1869), German (Saxonian) botanist at Dresden. (*C.F. Seidel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1894; CSP 5: 630, 8: 929, 11: 384, 18: 676; Herder p. 297, 334, 434; LS 24589-24590; PR 8593; Rehder 5: 792; Tucker 1: 644.

EPONYMY: *Seidelia* Baillon (1858) may be named for this author, but no etymology was given.

11.630. *Zur Entwickelungsgeschichte der Victoria regia* Lindl. ... Dresden (Druck von E. Blochmann & Sohn) 1869. Qu. (*Entw.-Gesch. Victoria regia*).
Publ.: 1869 (mss. submitted 4 Feb 1869; t.p. preprint or reprint: 1869; Flora 23 Jun 1871 (but possibly a reissue: "Jena, Frommann"); ÖbZ 1 Sep 1871 (id.); Bot. Zeit. 14 Jul 1871 (id.)), p. [1]-26, table, *pl. 1-2* (liths. auct., 1 uncol., 2 col.). *Copies*: B-S, BR, FI, G, M, MO, NY, U. – Preprinted or reprinted from Nova Acta Leop. 35(6): 1-26, table, *pl. 1-2*. 1869 (1870).

Seidel, Johann Heinrich (*fl.* 1799), German (Saxonian) gardener at Dresden. (*J. Seidel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Rehder 1: 44.

BIOFILE: Schmid, G., Goethe und die Naturwissenschaften nos. 146, 2020, 3674, 4383. 1940.

11.631. *Synonymisches Verzeichnis aller im* Churfürstl. *Orangengarten zu Dresden befindlichen Gewächse*, ... Dresden (gedruckt in der churfürstlichen Hofbuchdruckerey) 1799. Oct. (in fours). (*Synon. Verz. Dresden Gew.*).
Publ.: 1799 (p. vi: 2 Apr 1799), p. [i]-x, [1]-148. *Copy*: B-S.

Seidel, Otto (*fl.* 1890), German (Silesian) botanist and high school teacher in Frankenstein i. Schlesien. (*O. Seidel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1894.

11.632. *Tafeln zur Bestimmung der Gefässpflanzen Schlesiens* ... Frankenstein i. Schl.

(Kommissionsverlag von E. Philipp's Buchhandlung) 1890. Oct. (*Taf. Gefässpfl. Schles.*).
Ed. [*1*]: 1890 (ÖbZ for Jul 1890; Bot. Centralbl. 13 Aug 1890; Bot. Zeit. 29 Aug 1890; Nat. Nov. Jul(2) 1890), p. [i-iv], [1]-139. *Copy*: B, B-S.
Ed. 2: 1912 (Bot. Centralbl. 13 Mai 1913; Nat. Nov. Mar(2) 1913), p. [i-iv], [1]-224. *Copy*: B-S.
Ref.: Roth, E., Bot. Centralbl. 45: 310-311. 11 Mar 1891 (rev.).

Seidel, O.M. (1841-1917), German (Saxonian) botanist and high school teacher. (*O.M. Seidel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1894; Jackson p. 295; Rehder 1: 388.

11.633. *Schlüssel zum Bestimmen der Gattung der in und um Zschopau wildwachsenden Pflanzen* vom Oberlehrer O.M. Seidel. Zschopau (Druck von Paul Strebelow) 1878. (*Schlüss. Best. Zschopau Pfl.*).
Publ.: 1878 (in programm for 9-11 Apr 1878), p. [i], [1]-66, Schulnachrichten [1]-27, [1]. *Copy*: MO. – Issued as "Achter Jahresbericht über das Königl. Schullehrerseminar zu Zschopau ... Einladungsschrift zu den am 9. bis 11. April stattfindenden öffentlichen Prüfungen. Voran: Schlüssel ..." On p. [1] another t.p., exclusively for the Schlüssel: "*Schlüssel zum Bestimmen der Gattung* der in und um Zschopau wildwachsenden und häufiger angebauten Pflanzen nebst namentlicher Angabe der daselbst vorkommenden Arten. Für Anfänger im Pflanzenbestimmen".

11.634. *Excursionsflora für Anfänger* im Pflanzenbestimmen mit besonderer Berücksichtigung der Pflanzenbiologischen Verhältnisse. Ein Taschenbuch zum leichten Bestimmen der in und um Zschopau wildwachsenden und häufiger angebauten Pflanzen (Phanerogamen und Gefässkryptogamen) nebst 2 Tabellen zum Bestimmen der Pflanzen im winterlichen Zustande ... 2. Auflage ... Zschopau (Verlag von Richard Gensel) 1900. Oct. (*Excurs.-Fl. Anf.*).
Ed. 1: 1880 (Bot. Centralbl. 22-26 Mar 1880; Bot. Zeit. 30 Apr 1880; Nat. Nov. Apr(2) 1880), (n.v.).
Ed. 2: Mai-Sep 1900 (p. viii: Easter 1900; Bot. Centralbl. 5 Sep 1900; ÖbZ Aug-Sep 1900;Bot. Zeit. 1 Oct 1900; Nat. Nov. Oct(1) 1900), p. [i]-xv, [xvi, err.], [1]-308. *Copies*: B, HH.
Ref.: N.L., Bot. Zeit. 38: 319. 30 Apr 1880 (rev.).

Seidel, Traugott [Jakob Hermann] (1833-1896) German (Saxonian) horticulturist at Dresden and Striessen; owner of a firm growing Azalea, Rhododendron and Camellia. (*T. Seidel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Herder p. 365; PR ed. 1: 9542-9544; Rehder 5: 792; Tucker 1: 644, 3: 276; Zep-Tim. p. 104-105.

BIOFILE: Lier, H.A., Biogr. Jahrb. deut. Nekrol. 1: 416. 1897.

11.635. *Die Rhodoraceae* oder Rhododendreae. Eine Anleitung zur Cultur dieser Pflanzenfamilie von Traugott Jacob Seidel nebst einer systematischen Beschreibung der Gattungen und Arten etc. derselben von Gustav Heynhold, ... Dresden und Leipzig (Arnoldische Buchhandlung) 1843. Oct. (*Rhodoraceae*).
Botanical descriptions: Gustav Heynhold (1800-ca. 1860), see TL-2/2738-2742.
Publ.: 12-13 Jun 1843 (Hinrichs; Flora 7 Aug 1843), p. [1]-126, [127, err.]. *Copies*: B-G(2), G.
Ed. 2: 23-25 Jul 1846 (Hinrichs), n.v.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 1: 529-530. 1843 (rev.).

Seidenfaden, Gunnar (1908-x), Danish explorer, politician, diplomat and botanist;

travelled in the Arctic 1928-1934, to Spitsbergen 1938 ; economic counsellor at the Danish embassy at Washington 1940-1945, ambassador in S.E. Asia 1955-1959, in Moscow 1959-1961; stationed in Denmark from 1961; specialist on Thailand Orchidaceae. (*Seidenf.*).

HERBARIUM and TYPES: C; other material at NY (1300), S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 257; BJI 2: 163; BL 1: 157, 318; BM 8: 1175.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 218: 498. 1964; J. New York Bot. Gard. 37: 51. 1936 (Arctic coll. acquired by NY); Kraks blå bog 1973, p. 1235, 1983, p. 1032 (q.v. for further details on career; b. 24 Feb 1908).
Christensen, C., Danske bot. Litt. 1912-1939, 1940, p. 266 (bibl., portr.).
Fox Maule, A., Bot. Tidsskr. 69: 179, 180, 181, 200. 1974.
Hansen, A., Dansk bot. Arkiv 21(1): 49. 1963 (curr. vitae, portr.).
Jørgensen, C.A. et al., Biol. Skr. Dan. Vid. Selsk. 9(4): 6, 169. 1958.
Seidenfaden, G., [Autobiography in] Festskrift Københavns Univ. Nov 1969, p. 253-255.
Verdoorn, F., ed., Chron. bot. 3: 310. 1937, 5: 124. 1939.

EPONYMY: *Seidenfadenia* Garay (1972).

NOTE: For Seidenfaden's major series of publications on Orchids see *The Orchids of Thailand*, a preliminary list, with T. Smitinand, 1: 1-98, *2 pl.* 1954, 2(1): 99-184b, *3 pl.* 1959, 2(2): 185-326a, *8 pl.* 1960, 3: 327-516a, *8 pl.* 1961, 4(1): 517-647b, *8 pl.* 1963, 4(2): 648-870. 1965 (Bangkok), and: *Orchid genera in Thailand* 1-11, 1975-1983 see Dansk bot. Ark. 29(2-4). 1975, 31(1). 1976, 31(3). 1977, 32(2). 1978, 33(1). 1978, 33(3). 1979 ... Nordic J. Bot. 2(3). 1982; Opera bot. 72, 1983. 1983. – These and other post-1950 Orchid publications by S. are listed e.g. by A. Hansen, in his compilations of the Danish botanical literature 1960-1979 (in Bot. Tidsskr.), and in Taxon.

11.636. *On Eriophorum callitrix* Cham. in Greenland ... København (C.A. Reitzels Forlag ...) 1933. Oct. (*Eriophorum callitrix*).
Co-author: Thorvald Julius Sørensen (1902-1973).
Publ.: 1933 (p. 24: 5 Apr 1933), cover, p. [1]-27, *pl. 1-4* with text. *Copy*: H (inf. P. Isoviita). – Meddelelser om Grønland 101(1), 1933. – Treaarsexpeditionen til Christian den X's Land 1931-1934.

11.637. *The vascular plants of South-East Greenland* 60°04' to 64°30' N. lat. ... København (C.A. Reitzels Forlag ...) 1933. Oct. (*Vasc. pl. S.E. Greenland*).
Publ.: 1933 (p. 8: Mar 1933; PH rd 24 Aug 1933), p. [1]-129, map. *Copies*: H, PH. – Meddelelser om Grønland 106(3), 1933. – Den 7de Thule-Ekspedition til Sydøstgrønland 1932. – Contains on p. 112-120 S.O.F. Omang, *Contributions to the Hieracium* flora of Greenland.

11.638. *The vascular plants of Northeast Greenland* from 74°30' to 79°00' N. lat. and a summary of all species found in East Greenland ... København (C.A. Reitzels Forlag ...) 1937. Oct. (*Vasc. pl. N.E. Greenland*).
Co-author: Thorvald Julius Sørensen (1902-1973).
Publ.: 17-31 Dec 1937 (p. 215: 16 Dec 1937; PH rd 24 Feb 1938), p. [1]-215, [216], *pl. 1-4* with text. *Copies*: B, G, HH, LC, NY, PH. – Meddelelser om Grønland 101(4), 1937. Treaarsexpeditionen til Christian den X's land 1931-1934.

11.639. The Gothaab Expedition 1928 ... *The phytoplankton of the waters West of Greenland* ... København (C.A. Reitzels Forlag ...) 1938. Oct. (*Phytoplankt. W. of Greenland*).
Senior author: Julius Grøntved (1899-1967).
Publ.: 1938 (p. 380: 8 Oct 1938), p. [1]-380, 2 maps. *Copies*: G, PH. – Meddelelser om Grønland 82(5), 1938.

Seidl, Wenzel Benno (1773-1842), Bohemian botanist and administrator ("Staatsbuchhaltungsbeamter") at Praha. (*Seidl*).

HERBARIUM and TYPES: PR. – Co-editor exsiccatae "ökonomisch-technische Flora Böhmens" 1822, 7 fasc.; co-editors Vincenz Franz Kosteletzky (1801-1807), Wenzeslaus Blasius Mann (1799-1839) and "Moschner", distributed by P.M. Opiz.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 325; Barnhart 3: 257 (b. 14 Sep 1773, d. 7 Feb 1842); BM 4: 1894; Herder p. 191; Maiwald p. 87, 125, 146, 174, 177, 178, 209, 210; PR 632, ed. 1: 728; TL-2/434.

BIOFILE: Anon., Flora 5: 47. 1822 (exsiccatae); Lotos 3: 188-191. 1853.
Maiwald, P.V., Jahresber. Stifts-Obergymn. Braunau 7-8, 19. 1901.
Opiz, P.M., Flora 7(2): 142-143. 1824 (founder of the Praha national herbarium; a Flora bohemica is expected).

COMPOSITE WORKS: Co-author (for botany) of F. von Berchtold et al., *Oekon.-techn. fl. Böhm.* vol. 1(1) Jan 1836, see TL-2/434.

EPONYMY: *Seidlia* Opiz (1826).

Seidlitz, Nicolai [Karl Samuel] **von** (1831-1907), Latvian (Baltic-German) botanist and statistician; studied botany at Dorpat 1852-1854; travelled in the Caucasus and Persia 1855-1857; Mag. bot. Dorpat 1858; director of a serilogical school in Nucha (Transkaukasia) 1858-1863; with the surveyors office of the Caucasus 1866-1868; with the Office of Statistics at Tiflis 1868-1877, later judge at Tiflis. (*Seidlitz*).

HERBARIUM and TYPES: TU; 600 sp. "Herbarium balticum" in LE; further material at BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 257 (b. 25 Jun/7 Jul 1831, 15/28 Oct 1907); Bossert p. 359; CSP 5: 631, 11: 385, 18: 677; Herder p. 59, 212, 400; Jackson p. 328; Rehder 1: 369, 3: 601; Tucker 1: 644.

BIOFILE: Anon., Nat. Nov. 30: 71. 1908 (d.).
Gillian-Smith, B. & W.B. Turrill, Bull. misc. Inf. Kew 1930: 278.
Kusnezow, H., Act. Hort. Bot. Univ. Jurjew 9: 41-47. 1908 (obit., portr.).
Lipschitz, S., Fl. URSS fontes 1975, nos. 1138, 1141, 1398.
Radde, G., Grundz. Pfl.-Verbr. Kaukasusländ. 5, 19. 1899 (Veg. Erde 3).
Seidlitz, N. v., Acta Horti Univ. Jurj. 4: 55-74 (autobiogr.).
Welding, O. et al., eds., Deutschbaltisches Biographisches Lexikon 1710-1960, p. 723. 1970.

EPONYMY: *Seidlitzia* Bunge ex Boissier (1879).

11.640. *Botanische Ergebnisse einer Reise durch das östliche Transkaukasien* und der Aderbeidshan, ausgeführt in den Jahren 1855 und 1856. Erstes Heft, den Reisebericht und die Aufzählung der Thalamifloren von den Ranunculaceen bis zu den Polygaleen enthaltend. Abhandlung zur Erlangung der Würde eines Magisters der physikomathematische Facultät öffentlich zu vertheidigen von Nikolai von Seidlitz. Dorpat [Tartu] (gedruckt bei Schünmann's Wwe & C. Mattiesen) 1857. Oct. †. (*Bot. Erg. Reise Transkaukas.*).
Publ.: 1857 (p. [2] censor: 12 Oct 1857; rev. ÖbZ 1 Feb 1859; KNAW rd Dec 1858), p. [1]-100, [1, theses]. *Copies*: B-S, G, HH, MO.

Seifriz, William Ernest (1888-1955), American botanist (of German parents); BS Johns Hopkins 1916; Dr. phil. ib. 1920; instructor in botany Univ. Michigan 1923-1924; National Research Council fellow Univ. Pennsylvania 1924-1925; professor of botany at the Dept. of Botany ib. from 1925; mainly interested in protoplasm but published also on phytogeography. (*Seifriz*).

HERBARIUM and TYPES: US; other material material at MEDEL, PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 257 (b. 11 Aug 1888); BJI 2: 162; BL 1: 250, 318; Hirsch p. 270; Lenley p. 365.

BIOFILE: Cattell, J.M. & J., Amer. men Sci. ed. 4. 875. 1925, ed. 5. 997. 1933.
Chardon, C.E., Los naturalistas en la America latina 1: 268-269, *pl. 20.* 1949.
Conde, J.A., Hist. bot. Cuba 331. 1958 (portr.).
Höfler, K., Verh. zool.-bot. Ges. Wien 96: 12-13. 1956 (obit.).
Kamiya, N., Protoplasma 45: 513-524. 1956 (portr., obit., bibl.).
Stieber, M.T. et al., Huntia 4(1): 86. 1981 (arch. mat. HU).

11.640a. *Observations on the causes of gregarious flowering in plants* ... Reprinted from the American Journal of Botany ... 1923. Oct.
Publ.: Feb 1923, cover-t.p., p. 93-112, *pl. 12. Copy*: US. – Reprinted and to be cited from Amer. J. Bot. 10: 93-112. 1923.

11.640b. *The altitudinal distribution of plants, on Mt. Gedeh, Java* ... Reprinted from the Bulletin of the Torrey botanical Club ... 1923. Oct.
Publ.: Sep 1923, p. 283-305, [306, expl. pl.], *pl. 15-17. Copy*: US. – Reprinted and to be cited from Bull. Torrey bot. Club 50: 283. 1923.

11.640c. *Sketches of the vegetation of some southern provinces of Soviet Russia.* The altitudinal distribution of plants on the Crimean Mountains ... Cambridge (at the University Press) 1931. Oct.
Publ.: Aug 1931, cover-t.p., p. [360]-371, *pl. 14-17. Copy*: US. – Reprinted and to be cited from J. Ecol. 19(2): [360]-371, *pl. 14-17.* 1931.

11.640d. *The plant life of Russian Lapland* ... Reprinted from Ecology, ... 1934. Oct.
Publ.: Jul 1934, p. 306-318. *Copy*: US. – Reprinted from Ecology 15(3): 306-318. 1934.

11.640e. *Die Höhenstufen der Vegetation in der Sierra Nevada von Santa Marta* (Colombia) ... Sonderabdruck aus Botanische Jahrbücher, ... 1937. Oct.
Publ.: 16 Nov 1936, 14 Apr 1937 (in journal; US rd 25 Oct 1937), p. [109]-124, [125], *pl. 1-8. Copy*: US. – Reprinted and to be cited from Bot. Jahrb. 68(2-3): [109]-112. 16 Nov 1936, 113-124, [125], *pl. 1-8.* 14 Apr 1937.

Seiler, Jean (1878-1939), Swiss botanist; student of H. Schinz and C. Schröter; Dr. phil. Zürich 1909. (*Seiler*).

HERBARIUM and TYPES: The material collected by Christian G. Brügger (1833-1899) collected in Switzerland, upon which Seiler's thesis is based, is at CHUR (duplicates K, L). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 257; BL 2: 576, 715; BM 4: 1895.

11.641. *Bearbeitung der Brüggerschen Materialien zur Bündnerflora.* Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde vorgelegt der hohen philosophischen Fakultät (mathematisch-naturwissenschaftliche Sektion) der Universität Zürich von Jean Seiler aus Merishausen (Kt. Schaffhausen) ... Chur (Typ. Bischofberger & Hotzenköcherle) 1909. Oct. (*Bearb. Brüggersch. Mat. Bündnerfl.*).
Publ.: 1909, p. [1]-580, [1, err.], *pl. 1-7*, map, chart. *Copies*: G, NY. – Also issued as Jahresber. nat. Ges. Graubünd. ser. 2. 51. 1909.
Additions and corrections: J. Braun, Jahresber. nat. Ges. Graubünd. ser. 2. 52: 1-51. 1910, and K. Coaz, ib. 53: 192-194. 1912. See also BL 2: 576.

Seits, Tobias Anton (1772-1833), Austrian botanist and clergyman; priest at Mondsee in Upper Austria. (*Seits*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 257 (b. 12 Sep 1772, d. 17 Mar 1833); Herder p. 342; Maiwald p. 269; PR 8595-8596, ed. 1: 9546-9547; Rehder 1: 119.

BIOFILE: Anon., Flora 2(1): 366. 1819 (will issue his Europ. carpol.-fl. in Hefte).

11.642. *Allgemeine ökonomische Samen- und Früchtenlehre*, als Vorläufer des bereits angekündeten Versuches einer europäisch-karpologischen Flora, für theoretische und praktische Botaniker, Landwirthe, Gärtner, und alle, die mit Samen und Früchten zu thun haben; nebst systematischer Uebersicht und einem Inhalte des ganzen Werkes, mit Anschluss von 12 diagnostischen Samenportraiten, als vorläufigen Probestücken ... Salzburg (Im Verlage der Mayr'schen Buchhandlung) 1822. Oct. (*Allg. Samen- Früchtenlehre*).
Publ.: 1822 (p. xxviii: 1 Jan 1821), p. [i]-xxviii, [1]-254, [255-260, cont.]. *Copy*: UC.

11.643. *Die Rosen* nach ihren Früchten. Ein unentbehrlicher Leitfaden zu ihrer richtigen Bestimmung für Botaniker, Gärtner, Gartenbesitzer und Blumenliebhaber, oder: alle bisher bekannten Rosenarten, nach Trattiniks synodus, karpologisch dargestellt von Tobias Seits, ... Prag (bei G.W. Enders) 1825. Oct. (*Rosen*).
Publ.: 1825 (Flora 28 Dec 1825), p. [1]-231. *Copies*: B-G, FI, NY.
Ref.: Anon., Flora 9(1): 187-189. 28 Mar 1826 (rev.).

Sekera, Wenzel Johann [Václac Jan] (1815-1875), Bohemian pharmacist and botanist at Münchengrätz [Mnichovo Hradiště]. (*Sekera*).

HERBARIUM and TYPES: PR; further material in B (extant).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 257 (b. 13 Mai 1815, d. 21 Apr 1875); Biol.-Dokum. 16: 8603; CSP 5: 631, 8: 930; Futak-Domin p. 520; IH 2: (files); Klásterský p. 163; Maiwald p. 146, 186, 187, 204.

BIOFILE: Anon., Österr. bot. Z. 12: 401. 1862, 25: 212. 1875 (d.); Ottuv slovník naučný 22: 807. 1904.
Ascherson, P., Bot. Zeit. 3: 454. 1875 (obit.).
Lack, H.W., Willdenowia 10: 81. 1980 (coll. B).
Pejinl, K., Farmaceutický obzor 34: 81. 1965.

Selander [Nils] Sten [Edvard] (1891-1957), Swedish botanist, author and journalist; fil. kand. Uppsala 1917; Dr. phil. ib. 1950, lecturer in botany Uppsala from 1951; member Swed. Acad. 1953. (*Selander*).

HERBARIUM and TYPES: S; further material at GB, NMW.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 258; BL 2: 529, 715; KR p. 634 (b. 1 Jul 1891).

BIOFILE: Anon., Bot. Not. 1950: 352 (Dr. phil.), 1951: 441 (docent); Brit. Mus. gen. cat. print. books 218: 593. 1964; Vem är det, Sv. biogr. handb. 1949, p. 896.
Fries, R.E., Short hist. bot. Sweden 72. 1950.
Lönnqvist, S., Sv. män kv. 6: 622-623. 1949 (portr.).
Lundqvist, Å., Sv. bot. Tidskr. 75: 308, 311. 1981.

Selbstherr, Carl (*fl.* 1832), German (Silesian) rhodologist in Breslau. (*Selbstherr*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1895; Herder p. 342; PR 8597, ed. 1: 9548; Rehder 2: 282; Tucker 1: 644.

11.644. *Die Rosen* in fünfundzwanzig Gruppen und fünfundneunzig Arten ... Breslau (gedruckt bei Philipps seel. Erben) 1832. Qu. (*Rosen*).
Publ.: 1832 (Flora rd 9 Jan 1833), p. [1]-230, [1, err.]. *Copies*: B-S, BR.

Ref.: rrr, Flora 16(1) Lit. 11: 161-167. 1833 (rev.).

Selby, Augustine Dawson (1859-1924), American botanist and phytopathologist; B.S. Ohio State Univ. 1893; high school teacher at Huntington W.Va. 1884-1886, Ironton, Ohio 1886-1887, Columbus, Ohio 1890-1894, with Ohio Agricultural Experiment Station, Columbus, 1894-1923; collected in Colorado with L.M. Underwood 1901; worked at the New York Botanical Garden 1903-1904. (*A. Selby*).

HERBARIUM and TYPES: OS; first set of Colorado fungi at NY; some further material at OC (138). – *Letters* to W.G. Farlow at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 258 (2 Sep 1859, d. 7 Mai 1924); BL 1: 208, 318; CSP 18: 680; Ewan ed. 1: 302, 326, ed. 2: 198; IH 1 (ed. 6): 364, (ed. 7): 342; Lenley p. 365; LS 24599-24640, 33770, 39148-39154, 41725, suppl. 9992, 25255-25262; Rehder 1: 316; Tucker 1: 644, 3: 276-277.

BIOFILE: Anon., Amer. men sci. ed. 1. 286. 1906, ed. 2: 419. 1920, ed. 3: 612. 1921; Who's who Amer. 4: 1594. 1906-1907, 5: 1691. 1908-1909, 6: 1711. 1910-1911, 7: 1871. 912-1913, 8: 2095. 1914-1915, 9: 2200. 1916-1917, 10: 2428. 1918-1919, 12: 2765. 1922-1923, 13: 2867. 1924-1925, 14: 1712. 1926-1927; Who was who Amer. 1: 1102. 1968.
Barnhart, J.H., J. New York Bot. Gard. 12: 141. 1911.
Ewan, J. et al., Short hist. bot. U.S. 83. 1969.
Kellermann, W.A., *in* Geology of Ohio plants 72, 73, 76, 77. 1895.
Melsheimer, E., Ohio State Univ. Bull. 37(5): 350-355. 1932 (bibl.).
Stover, W.G., Phytopathology 15(1): 1-10, 319. 1925 (obit., portr., bibl.).
Stuckey, R.L. & R.G. Hawk, Southw. Natural. 18(4): 361-370. 1974 (itinerary and type coll. of L.M. Underwood and A.D. Selby's 1901 plant collecting trip in West-Central Colorado).

11.645. *A preliminary list of the plants of Franklin County, Ohio.* Prepared for the Columbus Horticultural Society by Aug. D. Selby and Moses Craig, M.S. Committee on Botany for 1890 [from the Report of the Columbus Horticultural Society for 1890], [1891]. Oct.
Co-author: Moses Craig (1864-1913).
Publ.: 1891 (p. 5: Dec 1890), p. [1]-19. *Copies*: HH, NY(2), USDA. – Reprinted from the Ann. Rep. Columbus hort. Soc. 1890(2): 1-19. 1891. Unannotated list of plants.
Addenda: 1892, 1 p. – See also Proc. Amer. Ass. Adv. Sci. 48: 300-303. 1898.

11.646. *A first Ohio weed manual.* General weed questions. Descriptive, illustrated list of Ohio weeds ... Norwalk, Ohio [The Laning Printing Co.) 1897. Oct.
Publ.: Sep 1897, p. [i-iv], [249]-400. *Copies*: HH, MO. – Issued and to be cited as Bull. Ohio agr. Exp. Sta. 83: [i-iv], [249]-400. 1897.

11.646a. *A condensed handbook of the diseases of cultivated plants, in Ohio* Columbus, Ohio (Fred. J. Heer, State Printer) 1900. Oct. (*Cond. handb. diseases cult. pl.*).
Publ.: Sep 190, cover-t.p., p. 1-69. *Copy*: HH. – Issued as Ohio Agric. Expl. Sta. Bull. 121.

Selby, Prideaux John (1788-1867), British naturalist; M.A. Durham 1839; high sheriff, Northumberland 1823; mainly devoting himself to ornithology, forestry and entomology. (*P. Selby*).

HERBARIUM and TYPES: Unknown; letters in Winch corr. at Linnean Society.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 525; Barnhart 3: 258; BB p. 272; BM 4: 1895-1896; Bossert p. 359; Desmond p. 550 (b. 23 Jul 1758, d. 27 Mar 1867); DNB 51: 210-211 (17: 1148-1149); DSB 51: 210-211; Herder p. 382; Jackson p. 245; Lenley p. 365; NI 3: 62, 1829n; PR 8598, ed. 1: 9549; Rehder 1: 393; Tucker 1: 644.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1991. 1878.

Anon., Brit. Mus. gen. cat. print. books 218: 611. 1964; Proc. Linn. Soc. London 1866-1867: xxxvii-xxxviii.
Boase, F., Mod. engl. biogr. 3: 484. 1965.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 435 [index]. 1980.
Freeman, R.B., Brit. nat. hist. books 3349-3352. 1900.
Nissen, C., Ill. Vogelbücher 1953, nos. 853-856.
Sheets-Pyenson, S., Arch. nat. Hist. 10(2): 221-249. 1981 (... the creation and early years of the Annals of Natural History; portr.).

COMPOSITE WORKS: Co-founder and co-editor of *Magazine of zoology and botany* (2 vols.), *Annals of natural History* (5 vols.), *Annals and Magazine of natural History* (vols. 6-20, 1-20 and 1-19), 1837-1867. For the origin and the early years of this enterprise see S. Sheets-Pyenson (1981).

EPONYMY: *Selbya* M.J. Roemer (1846).

11.647. *A history of British forest-trees*, indigenous and introduced ... London (John van Voorst, ...) 1842. Oct. (*Hist. Brit. forest-trees*).
Publ.: 1842 (issued in 10 parts Jul 1841-1842; reviewed as a whole in Ann. Mag. nat. Hist. Jul 1843), p. [i]-xx, [1]-540. *Copies*: B, BR, HH, MO, NY, PH, USDA.

Seler, Eduard Georg (1849-1922), German (Prussian) plant collector, archeologist and ethnologist; studied at the universities of Breslau and Berlin; on active service in the Franco-Prussian war; state teacher's examination 1875; high school teacher at Berlin 1876-1879; turned to ethnological studies; Dr. phil. Leipzig 1887; assistant (1892) later divisional director (1904) at the Berlin ethnological museum; habil. Berlin 1894; professor of American languages 1899; travelled in Mexico and Central America 1887-1888, 1895-1897, 1902-1903, 1904-1905, 1910-1911; mainly studying the Maya culture but also collecting plants. (*Seler*).

HERBARIUM and TYPES: B (6000; orig. set destr.; dupla extant; see Urban p. 396); further material at A, CAS, DS, F, GH, K, MEXU, MO, NY, US. – Seler's Central-European herbarium was offered for sale in Herbarium 65: 167. 1923 and 71: 223. 1925.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 258 (b. 5 Dec 1849, d. 23 Nov 1922); CSP 18: 681; Langman p. 693; TL-2/4935; Urban-Berl. p. 396.

BIOFILE: Anon., Cat. gén. livr. impr. Bibl. natl. 170: 181-187. 1947; Verh. bot. Ver. Brandenburg 64: 244. 1922 (d.); Deut. biogr. Jahrb. 4 (for 1922): 370. 1929.
Breedlove, D.E., Fl. Chiapas 25. 1981.
Harms, H., Verh. bot. Ver. Brandenburg 63: 95-96. 1922 (congratulations 70th birthday).
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Knobloch, I.W., The plant collectors of Northern Mexico 63. 1979; Prel. list pl. coll. Mexico 88. 1983.
Lehmann, W., Deut. biogr. Jahrb. 5: 410-416. 1930 (detailed biogr.).
Loesener, Th., Verh. bot. Ver. Brandenburg 65: 78-83. 1923 (obit.); Bot. Arch. 7(1-2): 1-4. 1924 (obit.).
McVaugh, R., Contr. Univ. Mich. Herb. 9: 304-305. 1972 (data on Mexican trips).
Preuss, K.Th., Z. Ethnol. 55: 1-6. 1923 (scientific work).
Quelle, O., Ibero-Amer. Arch. 1: 33-39. 1924 (70th birthday).
Rivet, P., J. Soc. Américanistes Paris ser. 2. 15: 280-287. 1923 (obit., bibl.).
Schuchhardt, S.B., Preuss. Akad. Wiss. 1923: cxv-cxvii (commemoration).
Seler-Sachs, Caecilie [Mrs. G.E. Seler], Auf alten Wegen in Mexiko und Guatemala, 1960, xxiii, 362 p., ed. 2, 1925 (travelogue of the Selers).
Schuchhardt, S.B., Preuss. Akad. Wiss. 1923: cxv-cxvii (commemoration).

COMPOSITE WORKS: *Plantae selerianae*, 1894-1923, a series of papers by L.E.T. Loesener et al., in Bull. Herb. Boissier and Verh. bot. Ver. Brandenburg, see TL-2/4935.

FESTSCHRIFT: (1) Lehmann, Walter, ed., *Festschrift Eduard Seler*, Stuttgart 1922, viii, 654 p. (list of travels p. 1-2, portr., bibl. (257 nos.), p. 3-27).
(2) Tomo especial de homenaje consagrado a horar la memoria del ilustre antropólogo Dr. Eduardo Seler, Méx. antig. 7: 1-558 (portr., evaluation, bibl.).

NOTE: Married, 1884, Caecilie Sachs (b. 1855) who accompanied him on his travels and collected plants with him.

EPONYMY: *Selera* Ulbrich (1913); *Selerothamnus* Harms (1921).

11.648. *Reisebriefe aus Mexiko* ... Berlin (Ferd. Dümmlers Verlagsbuchhandlung) 1889. Oct. (*Reisebr. Mexiko*).
Publ.: 1889, p. [i]-iv, [1]-267, [268, err.], *8 pl. Copies*: LC, NSUB.

Selig, Christoph. Wilhelmus (*fl.* 1802), German (Bavarian) physician and botanist (Selig).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR 8599, ed. 1: 9550.

11.649. Dissertatio inauguralis botanica-medica *de Galii rotundifolii* charactere botanico usuque medico. Quam consentiente illustri medicorum ordine in Academia regia Friderico Alexandrina pro medicinae doctoris gradu legitime obtinendo publicae eruditorum disquisitioni subjecit Christoph. Wilhelmus Selig ... d. x. Aprilis mdcccii. Erlangae [Erlangen] (typis Hilpertianis) [1802]. Oct. (*De Galii rotund.*).
Publ.: 10 Apr 1802, p. [1]-40. *Copy*: B-S.

Seliger, Ignaz (1752-1812), German (Silesian) clergyman and botanist at Wölfelsdorf; early student of Silesian cryptogams. (*Seliger*).

HERBARIUM and TYPES: WRSL (lich., also other crypt.?; through C. Chr. Günther), possibly some material in B-Bridel (extant; Sayre); further material in PR. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 258 (b. 14 Dec 1752, d. 30 Feb 1812); Frank 3 (Anh.): 96; Klásterský p. 163; SBC p. 132; Urban-Berl. p. 313.

BIOFILE: Pax, F., Schlesiens Pflanzenwelt 11, 16. 1915.
Sayre, G., Bryologist 80: 518. 1977.
Wimmer, F., Fl. Schles. 144. 1844.

EPONYMY: *Seligeria* Bruch et W.P. Schimper (1846).

Seligmann, Johann Michael (1720-1762), German botanical and zoological artist and engraver at Nürnberg. (*Seligmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 258; BM 4: 1897; Dryander 3: 78; NI 1830-1831, see index; PR 9498, 9500, ed. 1: 10446, 10448; TL-1/1327; TL-2/1057; Tucker 1: 644.

BIOFILE: Anon., Brit. Mus. gen. cat. print books 218: 661. 1964.
Nissen, C., Philobiblon 6: 344. 1933.
Rix, M., The art of the botanist 179. 1981.
Spiess, E., Abh. naturf. Ges. Nürnberg 8: 169, 184-186. 1891 (bibl.).

COMPOSITE WORKS: (1) *Sammlung verschiedener ausländischer und seltener Vögel*, ... 9 vols. (in 4), Nürnberg 1749-1776, consisting of copies of plates in G. Edwards, Natural history of uncommon birds, and of M. Catesby, *Nat. Hist. Carolina* (see TL-2/1057); the plates

taken from Catesby feature also plants. – Also published in Dutch: *Verzameling van uitlandsche en zeldzame vogelen*, benevens eenige vreemde dieren en plantgewassen in 't Engels naauwkeurig beschreeven en naar 't leven met kleuren afgebeeld, door G. Edwards en M. Catesby: vervolgens, ten opzichte van de plaaten merkelijk verbeterd, in 't Hoogduitsch uitgegeven door J.M. Seligmann: thans in 't Nederduits vertaald en met aanhaalingen van andere autheuren verrijkt, door M. Houttuyn, ... 9 parts in 5 vols., Amsterdam (Jan Christiaan Sepp, ...) 1777-1781. Fol. *Copy*: MO.
(2) Editor and artist of C.J. Trew, *Hortus nitidissimus*, 1768-1786, for which see C.J. Trew.
(3) Illustrations for C.J. Trew, *Der im schönsten Flor stehende Blumengarten* ... 1750-1768.
(4) Conradi Gesneri *Opera botanica* ... ed. C.C. Schmiedel, Nürnberg 1753, with plates by Seligmann.
(5) Illustrations, L. Feuillée, *Beschreibung zur Arznei dienlicher Pflanzen*, Nürnberg 1756-1758, 2 vols.. *100 pl.*
(6) Illustrations, M. Houttuyn, *Icones lignorum exoticorum* ... Nürnberg 1774-1778, *48 pl.*
(7) Plates, J.H. Knoop, *Pomologia* ... aus dem Holländischen, Nürnberg 1760, see TL-2/3766.

11.650. *Die Nahrungs-Gefäse* [sic] *in den Blättern der Bäume* nach ihrer unterschiedlichen Austheilung und Zusammenfügung so wie solche die Natur selbst bildet abgedruckt von Johann Michael Seligmann ... Nebst Tit. Herrn Hof-Raths Christoph Jacob Trew historischen Bericht von der Anatomie der Pflanzen und von der Absicht dieses Werkes. Nürnberg (gedruckt bey Johann Joseph Fleischmann) 1748. Fol. (*Nahrungs-Gefäse*).
Author of text on plant anatomy: Christoph Jacob Trew (1695-1769).
Publ.: 1748, p. [i], [1]-8, *36 pl.* (incl. title) of which 34 (33?) nature prints; pl. 2 double. *Copies*: NSUB (inf. G. Wagenitz), NY (*pl. 1, 1*, 2, 2*, 3-25*). – Fischer no. 20 (2+33 pl.).

Selin, Gustaf (1836-1862), Finnish botanist. (*Selin*).

HERBARIUM and TYPES: H. – Some further material at E.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 258; BL 2: 67, 715; Herder p. 201; IH 2: (files); Saelan p. 456; TR 1283; Tucker 1: 644.

BIOFILE: Elfving, F., Acta Soc. Fauna Fl. fenn. 50: 226. 1921 (biogr. data).

11.651. *Ett bidrag till nordvestra Nylands flora* [Notis. Sällsk. Fauna Fl. fenn. Förh. 6, Helsingfors, 1861]. Oct.
Publ.: 1861 (6 Jun-3 Aug 1861 in journal), p. [123]-144. *Copy*: HH. – Reprinted and to be cited from Notis. Sällsk. Fauna Fl. fenn. Förh. 6: 123-144. 1861.

Selk, Heinrich (*fl.* 1908), German botanist. (*Selk*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 16: 8608; Christiansen C 119, 122, 128, D 204.

EPONYMY: *Selkia* Klebahn (1939).

11.652. *Beiträge zur Kenntniss der Algenflora der Elbe* und ihres Gebietes ... Hamburg (Kommissionsverlag von Lucas Gräfe & Sillem) 1908. Oct. (*Beitr. Algenfl. Elbe*).
Publ.: 1908 (Hedwigia 28 Nov 1908; Nat. Nov. Oct (1, 2) 1908), p. [i], [1]-119. *Copy*: NY. – Issued as Jahrb. Hamb. wiss. Anst. 25, 1907, 3. Beiheft.

Selland, Sjur Knutsen (1867-1920), Norwegian botanist and school teacher at Granvin; Hardanger from 1888-1919; lecturer at the teacher's college at Stord 1919-1920. (*Selland*).

HERBARIUM and TYPES: BG; other material at A, C, GB, NMW, S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 258 (b. 1 Dec 1867, d. 13 Jul 1920); BL 2: 449, 715; BM 4: 1897, 8: 1177; Bossert p. 360; Kleppa p. 331 (index).

BIOFILE: Anon., Bot. Not. 1902: 158 (stipend), 1921: 14 (d.); Hedwigia 63: (97). 1921 (d.).
Holmboe, J., Naturen, Bergen 44: 260-264. 1920 (obit., portr.).
Nordhagen, R., Norsk biogr. leks. 13: 202. 1958.

11.653. *Floristiske undersøgelser i Hardanger* i-iii ... Bergens Museums Aarbog 1906-1911. Oct. (*Fl. unders. Hardanger*).
1: 1906 (Nat. Nov. Oct(2) 1906), p. [1]-17, Berg. Mus. Aarb. 1906(5).
2: 1908 (Nat. Nov. Jul(1) 1908), p. [1]-19, id. 1908(2).
3: 1911 (Nat. Nov. Nov(2) 1911, p. [1]-19, id. 1911(10).
Copy: U.

11.654. *Hardangeromraadets flora.* Karplantefloraen ved Hardangerfjorden og paa Hardangervidden ... Bergens Museums Aarbok 1919-1920. Naturvidenskabelig række nr. 10. [1921]. (*Hardangeromr. fl.*).
Editor: Jens Holmboe (1880-1943).
Publ.: 1921 (fide Kleppa p. 263, 279 Nat. Nov. Mar 1922), p. [1]-205. *1 pl.* (portr. Selland). *Copies*: G, HH, NY, US. US. – Berg. mus. Aarb. 1919-1920, Naturv. række 10, publ. 1921.

Sellow, [orig.: Sello] **Friedrich** (1789-1831), German gardener and botanical explorer; worked in the Berlin and Paris (1810-1811) botanical gardens and studied botany with Willdenow, Desfontaines and A.L. de Jussieu as well as in London (sponsored by A. v. Humboldt 1811-1813); from 1814 in Brazil, collecting widely from 1815-1817 with Maximilian zu Wied-Neuwied; with Ignaz Franz Werner von Olfers [1793-1871] in 1819; continued to collect 1819-1831 in Brazil and Uruguay. (*Sellow*).

HERBARIUM and TYPES: B (10.000 mainly destroyed; duplicates extant; see Urban p. 396-397); further material at A, BM, BR, CGE, DPU, E, F, FI, G, GH, GOET, HAL, K, KIEL, L, LD, LE, LISU, LZ, M, MO, MW, NY, P, PH, POM, R, S, SGO, U, UPS, US, VT, W, WRSL, WU.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 325; Backer 516; Barnhart 3: 259 (b. 12 Mar 1789, d. Sep 1831); BM 4: 1897; Frank 3 (Anh.): 96; IH 1 (ed. 6): 364, (ed. 7): 342; Lasègue p. 225, 303, 327, 334, 476, 505; PR 5902, ed. 1: 6597; TL-1/798; Urban-Berl. p. 269, 282, 291, 313, 396-397; Zander ed. 10, p. 716, ed. 11, p. 816.

BIOFILE: Arechevaleta, J., Fl. Uruguaya 2: xxviii. 1903 (coll. Uruguay).
Candolle, Alph. de, Phytographie 450. 1880 (coll.).
Chamisso, A. von, Und lassen gelten was ich beobachtet habe, ed. R. Schneebeli-Graf; Berlin 1983, p. 268, 286, 306 (plants by S. described in Linnaea).
Herter, W., Bot. Jahrb. 74(1): 119-149. 1945 (analysis of itineraries, identification of localities).
Herter, W.G. & B. Rambo, Nas pegadas dos naturalistas Sellow e Saint-Hilaire. Itinera Sellowio-Hilariana. Basilea (Basel) 1953, 100 p. (itin.).
Jessen, K.F.W., Bot. Gegenw. Vorz. 467. 1864.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 658. 1985.
Miller, H.S., Taxon 19: 541. 1970 (Lambert holdings of Sellow material).
Papavero, N., Essays hist. neotrop. dipterol. 1: 56-60, 69-80, 99-101, 215. 1971, 2: 218. 1973.
Sayre, G., Mem. New York Bot. Gard. 19(3): 397-398. 1975 (coll.).
Schmid, G., Carus, C.G. & C.F.R. von Martius, Eine Altersfreundschaft in Briefen 126. 1939 (*Svitramia* Chamisso, eponym for C.F.P. von Martius, based on a Sellow plant); Chamisso als Naturforscher 172 [index]. 1942.
Souza Sobrinho, R.J. de, Insula 8: 15. 1976.

Stieber, M.T., Huntia 3(2): 125. 1979 (mentioned in A. Chase mss.).
Stresemann, E., Zool. Jahrb. (Syst.) 77: 401-425. 1948 (biogr., coll.).
Urban, I., Bot. Jahrb. 17: 177-198. 1893 (extensive biography; itin., listing of collections), Fl. bras. 1(1): 105-111. 1906 (detailed itineraries), Chileans 8(30): 137-140. 1975 (English transl.).
Verdoorn, F., ed., Chron. bot. 3: 332. 1937.
Wagenitz, G., Index coll. princ. herb. gott. 155. 1982.

NOTE: Sellow's original family name was Sello; he adopted the spelling Sellow only after his arrival in Brazil (1814). A cousin of Sellow, Hermann Ludwig Sello was head-gardener in Sans-Souci nr Potsdam (1800-1876). The family dropped the spelling Sellow and S.'s other cousin J. Hanstein crossed out the letter "w" on many labels.
TRAVELS: 1, Rio de Janeiro, 1814-1815 (ca. 1000 nos.).
2, Rio de Janeiro, Espirito Santo, Bahia, 1815-1818 (ca. 1800 nos.).
3, Minas Geraës, São Paulo, 1818-1820, Rio de Janeiro 1820-1821 (ca. 2500 nos.).
4, Uruguay, Rio Grande do Sul, S. Catharina, Parana, São Paulo 1821-1829 (6019 nos.).
5, São Paulo, Minas Geraes 1829-1831 (ca. 1450 nos.). For detailed itineraries see W.G. Herter & B. Rambo (1953).

EPONYMY: (genera): *Selloa* K.P.J. Sprengel (1819, *nom. rej.*); *Selloa* Humboldt, Bonpland et Kunth (1820, *nom. cons.*); *Sellocharis* Taubert (1889); *Sellowia* Roth ex J.J. Roemer et J.A. Schultes (1819-1820); (journal): *Sellowia*, Anais Botânicos do Herbário "Barbosa Rodrigues", Itajaí, Santa Catarina, Brazil. Vol. 6-x, 1954-x.

Sélys-Longchamps, Michel Edmond Baron **de** (1813-1900), Belgian zoologist, botanist and politician, member of the Belgian House of Representatives 1848-1855, of the Senate 1855-1898; living on his property of Longchamps near Liège. (*Sélys-Longch.*).

HERBARIUM and TYPES: Had a herbarium.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 446, 3: 259 (b. 25 Mai 1813, d. 11 Dec 1900); BM 4: 1898-1899, 8: 1177; Herder p. 298, 365; Hortus 3: 1204; PH 12, 150, 567, 939; Quenstedt p. 395; Rehder 5: 793; SO 1248b; Tucker 1: 644.

BIOFILE: Anon., À la mémoire de Michel-Edmond baron de Sélys Longchamps 1813-1900. Liège (Impr. H. Vaillant-Carmanne) 1901, 51 p. (collection of texts reprinted from newspapers, society proceedings etc., copy: BR); Brit. Mus. gen. cat. print. books 218: 772. 1964; Cat. gén. livr. impr. Bibl. natl. 170: 327-328. 1947; Insekten-Börse 18(11): 81. 1901 (obit.); Leopoldina 37: 39. 1901 (d.).
Bargagli, P., Bull. Soc. entom. ital. 33: 36-39. 1901 (obit).
Blasius, R., J. f. Ornithol. 39: 361-381. 1901 (obit., portr., handwriting, bibl.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 273.18, 24.2. 1980.
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Camerano, L., Atti Accad. Torino 36: 327-334. 1902 (obit.).
Calvert, P.P., Entom. News 12: 32, 33-37. 1901 (obit., portr.).
Coosemans, M., Biogr. colon. belge 5: 752-753. 1958 (b. 25 Mai 1813, d. 11 Dec 1900; further biogr. refs.).
Dubois, A., Bull. Soc. zool. France 26: 24-28. 1901 (obit., portr.).
Essig, E.O., Hist. entom. 762-764. 1931 (portr., bibl.).
Kraatz, G., Deut. entom. Z. 44: 8-9. 1910 (obit. not.).
Krüger, L., Stettin. entom. Zeit. 62: 214-217. 1901 (obit.).
Lameere, A., Ann. Soc. entom. Belge 44: 467-472. 1900 (obit.); Mém. Soc. entom. Belg. 9: 1-32. 1902 (obit., portr., bibl.).
Lorenz, O. et al., eds., Cat. gén. libr. franç. 4: 385. 1871, 22: 476. 1911, 29: 864. 1927, 32: 718. 1934.
Lucas, W.J., Entomologist 34: 32. 1901 (obit.).
McLachlan, R., Entom. mon. Mag. 37: 78-80. 1901 (obit.).
Martin, R., Bull. Soc. zool. France 26: 28-29. 1901 (obit.).
Micheels, H., Biogr. natl. Belg. 22: 192-199. 1914-1920 (extensive biogr.).

Mourlon, M., Bull. Soc. belg. Géol. 14: 315-318. 1900 (obit.).
Navás, L., Bol. Soc. España Hist. nat. 1: 74-77. 1901 (obit.).
Plateau, F., Ann. Acad. r. Sci. Belg. 68: 45-157. 1902 (detailed obit., list of necrologies, bibl.).
Ris, F., Mitt. Schweiz. entom. Ges. 10(8): 367-369. 1901 (obit.).
Verrall, G.H., Proc. entom. Soc. London 1900: xlv. (obit. not.).

HANDWRITING: J.f. Ornithol. 39: pl. facing p. 361. 1901.

NOTE: *Note sur une variété pyramidale du Populus virginiana*, Bull. Soc. Bot. Belg. 3: 9-15. 1864 and *Les arbres à Longchamps-sur-Geers* ib. 19: 79-94. 1880 (publ. 28 Jan 1881).

Semadeni, Francesco Ottavio (*fl.* 1904), Swiss mycologist; Dr. phil. Bern 1904. (*Semadeni*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 259; LS 24647-24649; Stevenson p. 1257.

11.655. *Beiträge zur Kenntniss der Umbelliferen bewohnenden Puccinien.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Fakultät der Universität Bern vorgelegt von Franc. Ottavio Semadeni (Poschavio-Graubünden). Jena (Gustav Fischer) 1904. Oct. (*Beitr. Umbell. bew. Puccin.*).
Publ.: 1904 (diss. accepted by faculty 8 Jan 1904; Nat. Nov. Mai(2) 1905), p. [i-iv], [1]-55, [56]. *Copies*: G, FH. – Preprinted from Centralbl. Bact. Paras. Abt. 2. 13: 73-81, 214-221, 338-352, 439-448, 527-543. 1904. – Preliminary publ. ib. 10: 522-524. 1903.
Ref.: Dietel, Bot. Centralbl. 98: 300-301. 28 Mar 1905.

Senckenberg, Johann Christian (1707-1772), German (Frankfurt a.M.) physician and naturalist; founder of the Senckenberg Stiftung consisting of a library, botanical garden, chemical laboratory and hospital. (*Senckenberg*).

HERBARIUM and TYPES: The Senckenberg herbarium has not been seen after 1782, during Reichard's professorship (H.J. Conert, in Lit. 2. 2. 1982, and (1979)). – Archival material at FR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 259 (b. 28 Feb 1707); BM 4: 1900; Dryander 3: 485; Herder p. 412; PR 8601, ed. 1: 9554; TL-2/8833.

BIOFILE: Bary, A. de, Geschichte der Senckenbergische Stiftung 1763-1938, Frankfurt 1938; Senckenberg-Buch 17, 1947 (biogr. of J.C. Senckenberg); Johann Christian Senckenberg. Frankfurt a.M. 1947, 327 p.
Conert, H.J., Senckenbergiana biologica 48(c): 3-5. 1967 (on Senckenberg and J.J. Reichard; see TL-2/8833).
Egle, K., Ber. deut. bot. Ges. 79: (1)-(33). 1966 (hist. bot. Frankfurt as a heritage from J.C.S.).
Egle, K. & G. Rosenstock, Gesch. Bot. Frankfurt a. M. 9-11. 1966.
Feis, O., Arch. Gesch. Med. 19: 297-299. 1927.
Hodes, F. & E. Berninger, Ad bibliothecam Joh. Christian Senckenberg, med. doct. ... Frankfurt a.M. 1968, 48 p. (on S.'s library).
Kriegk, G.L., Die Brüder Senckenberg 213-312. 1869 (biogr.).
Ratzeburg, J.T.C., Forstwiss. Schriftsteller-Lexic. 469-470. 1872.
Richter, R. & H. Schmidt, Natur u. Volk 72: 217-220. 1942 (portr., note on Naturf. Ges.).
Schmid, G., Goethe u.d. Naturw. 580 [index]. 1940.
Schwarzbach, M., Auf den Spuren unserer Naturforscher 86. 1981.
Spilger, L., Senckenberg als Botaniker, Abh. Senckenb. naturf. Ges. 458, 1941, 175 p. (main treatment as botanist).
Stricker, W., Biogr. Lex. hervorr. Ärzte ed. 3. 5: 226-227. 1962.
Zischka, G.A., Allg. Gelehrten-Lex. 598. 1961.

EPONYMY (genus): *Senckenbergia* P.G. Gaertner, B. Meyer et Scherbius (1800); (journals): *Senckenbergiana.* Wissenschaftliche Mitteilungen der Senckenbergischen Naturforschenden Gesellschaft. Frankfurt a. M. Vol. 1-34. 1919-54; *Museum Senckenbergianum.* Abhandlungen aus dem Gebiete der beschreibenden Naturgeschichte. Von Mitgliedern der Senckenbergischen naturforschenden Gesellschaft in Frankfurt am Main. Frankfurt a.M. Vol. 1-3. 1834-45; (Society): Senckenbergische Naturforschende Gesellschaft, Frankfurt a.M., founded in 1817.

MAIN STUDY on Senckenberg as a botanist: L. Spilger, Senckenberg als Botaniker, Abh. Senckenb. naturf. Ges. 458: 1-175. 1941.

Sendtner, Otto (1813-1859), German (Bavarian) botanist, privately employed in Silesia studying the cryptogamic flora of the Sudeten 1837-1840; Dr. phil. München 1840; curator of the Leuchtenberg Museum at Eichstädt 1841; travelled in Istria, Illyria and Bosnia; habil. Univ. München 1848; adjunct with the Bavarian Academy of Sciences in charge of the plant-geographical exploration of Bavaria; extraordinary professor at the University of München 1853; ordinary professor and curator of the München herbarium 1857-1859. (*Sendtn.*).

HERBARIUM and TYPES: M; other material in B (in herb. Koch), BM, BR, CGE, FI, G, GOET, K, L, LZ (destr.), ROST, S, W, WRSL (lich., musci). – Musci sold to Westhoff (Düsseldorf). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 34: 7-8 (E. Wunschmann); AG 2: 477-478, 5(2): 188, 12(2): 685; Backer p. 661; Barnhart 3: 259 (b. 27 Jun 1813, d. 21 Apr 1859); Biol.-Dokum. 16: 8619-8620; BM 4: 1900; CSP 5: 643-644, 12: 674; DTS 1: 279-280; Frank 3 (Anh.): 96; GR p. 138; Henrey 4(1): 27, 6(2): 1290; Herder p. 189, 224, 313; Hortus 3: 1204; Jackson p. 266; Kanitz no. 189; Lasègue p. 337; Maiwald p. 152, 176, 235; Moebius p. 375; PR 8602-8605,ed. 1: 2995, 9559; Rehder 5: 793; Saccardo 1: 152, 2: 100; SBC p. 132; TL-2/see J.A. Perktold; Tucker 1: 645; Urban-Berl. p. 291, 314; Zander ed. 10, p. 716.

BIOFILE: Anon., Bonplandia 4: 122. 1856 ("Ansichten aus dem baierischen Walde"), 5: 188. 1857 (ord. prof., curator herb.), 7: 114 (note, d.), 137-138 (obit.), 301 (Radlkofer succeeds S.) 1859; Bot. Zeit. 6: 471 (habil. München), 824 (adjunct bot. gard.) 1848, 15: 408. 1857 (ord. prof. bot., curator herb.), 17: 169, 280, 344. 1859 (obit., herb. musci to Westhoff, publ. Heufler, succession); Bull. Soc. bot. France 6: 176. 1859 (obit.); Flora 31: 254. 1848 (habil. München), 37: 336. 1854 (extraord. prof. bot.), 40: 336. 1857 (ord. prof., curator herb.), 42: 256-257 (note d.), 268-272 (obit., bibl.) 1859; Österr. bot. W. 4: 238. 1854 (extraord. prof.), 7: 251. 1857 (ord. prof., curator herb.); Österr. bot. Z. 9: 201. 1859 (d.).

Beck, G., Veg.-Verh. Illyr. Länd. 8, 15, 42. 1901 (Veg. Erde 4).
C. [Fr. Caflisch], Ber. Nat. Ver. Augsburg 12: 142-143. 1859 (obit.).
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Hausmann, F. v., Fl. Tirol 1186. 1854.
Hertel, H., Mitt. Bot. München 16: 434. 1980 (lich. M. directly and through Krempelhuber).
Heufler, L.R. v., Verh. zool.-bot. Ges. Wien 9(3/4): 103-118. 1860 (biogr. sketch based on letters).
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HANDWRITING: Hoppea 34(2): 419. 1976.

EPONYMY: *Sendtnera* Endlicher (1840) probably honors Sendtner, but no etymology was given.

11.656. *Musci quidam frondosi recentius detecti* [Denkschr. bayer. bot. Ges. Regensburg 3, 1841]. Qu.
Publ.: 28 Nov 1841 (see journal issue and Flora 24: 745-746. 21 Dec 1841), p. [139]-151. *Copies*: G, MO. – Reprinted and to be cited from Denkschr. bayer. bot. Ges. Regensburg 3: 139-151. 1841.

11.657. *De Cyphomandra*, novo Solanacearum genere tropicae Americae. Dissertatio inauguralis botanica, [1845]. Oct.
Publ.: 21 Mar 1845 (in journal), p. [1]-18, *1 pl.* (uncol. lith.). *Copies*: B-S, G, M. – Reprinted and to be cited from Flora 28: 161-176. *1 pl.* 1845.
Note: *Sicklera* Sendtn. (Solanaceae) was published in Flora 29: 194 ("178"). 7 Apr 1846; it antedates *Sicklera* M.J. Roemer (14 Sep-15 Oct 1846), and is dedicated to the pomologist Johann Volkmann Sickler (1741-1820).

11.658. *Beobachtungen über die klimatische Verbreitung der Laubmoose* durch das österreichische Küstenland und Dalmatien. Eine der philosophischen Facultät der K. Ludwig-Maximilians-Universität pro facultate legendi vorgelegte Abhandlung ... 1848. Oct.
Publ.: 28 Mar, 7, 14 Apr 1848 (in journal), p. [1]-32. *Copies*: B, G, M. –Reprinted and to be cited from Flora 31: 189-197. 28 Mar, 210-221. 7 Apr, 229-240. 14 Apr 1848.

11.659. *Liste der in der deutschen Flora enthaltenen Gefässpflanzen* zunächst nach Koch's Synopsis Florae germanicae et helveticae behufs der botanischen Untersuchung von Bayern zusammengestellt. München (Auf Kosten der K. Akademie der Wissenschaften ...) 1849. Oct. (*Liste deut. Fl. Gefässpfl.*).
Publ.: 1849, p. [1]-114. *Copy*: M.

11.660. *Die Vegetations-Verhältnisse Südbayerns* nach den Grundsätzen der Pflanzengeographie und mit Bezugnahme auf Landescultur geschildert von Otto Sendtner ... München (Literarisch-artistische Anstalt) 1854. Oct. (*Veg.-Verh. Südbay.*).
Publ.: 1854 (p. v: 4 Mar 1854; rev. Flora 7 Jul 1854; ÖbW 2 Nov 1854), p. [i]-xii [=xiv], [1]-910, charts *1a*, *1b*, *2-10*, map. *Copies*: B, G, HH, M, NY, PH, US.
Ref.: C., Flora 37: 389-400. 7 Jul, 403-414. 14 Jul, 421-427. 21 Jul 1854 (rev.).

11.661. *Die Vegetations-Verhältnisse des bayerischen Waldes* nach den Grundsätzen der Pflanzengeographie geschildert von Otto Sendtner. Nach dem Manuscripte des Verfassers vollendet von W. Gümbel und L. Radlkofer ... München (Literarisch-artistische Anstalt) 1860. Oct. (*Veg.-Verh. bayer. Wald.*).
Editors: Carl Wilhelm von Gümbel (1823-1898), Ludwig Adolph Timotheus Radlkofer (1829-1927).
Publ.: 1860 (p. v: Mai 1860; KNAW rd Feb 1861; ÖbZ 1 Jan 1861; Bot. Zeit. 7 Dec 1860; Flora 14 Dec 1860), p. [i]-xiii, [1]-505, [507-511, err.], *pl. 1-5*, *8* (map and charts). *Copies*: B, G, HH, M, MO, NY.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 18: 383. 1860 (rev.).

Senebier, Jean (1742-1809), Swiss linguist, bibliographer, meteorologist, physiologist, botanist, philosopher and clergyman; pastor at Genève (1765) and Chancy 1769-1773; librarian of the city of Genève 1773-1809; in temporary retirement at Rolle, Vaud during the Genève revolution (1793). (*Seneb.*).

HERBARIUM and TYPES: Unknown. – *Letters* at G, HU (Allioni), LINN (to J.E. Smith).

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Zischka, G.A., Allg. Gelehrten-Lex. 598. 1961.

COMPOSITE WORKS: (1) *Opuscules de physique, animale t végétale*, par Mr. l'Abbé Spallanzi, ... traduits de l'Italien. et augmentées d'une Introduction dans laquelle on fait connoître les découvertes microscopiques dans les trois règnes de la Nature, & leur influence sur la perfection de l'esprit humain par Jean Senebier ... On y a joint plusieurs lettres relatives à ces opuscules écrites à Mr. l'Abbé Spallanzi par Mr. Charles Bonnet & par d'autres naturalistes célèbres ... à Genève (chez Barthelemi Chirol) 1777, 2 vols. *Copy*: G. – 1: [i*-iv*], [i]-cxxiv, [1]-255, [256], *pl. 1-2*, [1-4, cont.], 2: [i], [1]-405, [406-407, cont., 408 err.], *pl. 3-6*. – Ed. 2: 1787, à Pavie [Pavia] et se trouve à Paris (chez Pierre J. Duplain, ...), 2 vols. *Copy*: G. – 1: [i*-vi*], [i]-cxiv, [1]-352, *pl. 1-6*, 2: [i-iii], [1]-730, [731-732, cont.]. (*Opusc. phys. anim. vég.*).
(2) *Expériences pour servir à l'histoire de la génération des animaux et des plantes*. Par M. l'Abbé Spallanzani, ... avec une ébauche de l'histoire des êtres organisés avant leur fécondation; par Jean Senebier, ... à Pavie [Pavia], et se trouve à Paris, chez Pierre J. Duplain, ... 1787. Oct., p. [i*-iii*], [i]-xcvi, [1]-413, *pl. 1-3* (uncol. copp.). *Copies*: G, HH. (*Exper. générat. anim. pl.*).

EPONYMY: *Senebiera* A.P. de Candolle (1799) and *Sennebiera* Willdenow (1809) may both commemorate Senebier, but no etymology was given.

11.662. *Mémoires physico-chymiques*, sur l'influence de la lumière solaire pour modifier les êtres des trois règnes de la nature, & surtout ceux du règne végétal .. à Genève (chez Barthelemi Chirol, ...) 1782, 3 vols. (*Mém. phys. chym.*).
Orig. ed.: 1782. *Copies*: E, LD, NSUB, U.
1: [i]-xvi, [1]-408, *pl. 1-2.*
2: [i]-viii, [1]-411.
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Re-issue: 1788. "Nouvelle édition ..." à Genève (chez Barde, Manget & Compagnie, ...) et se trouve à Paris (chez Buisson, ...) 1788, 3 vols. Oct. – p. i*-iii* are new, the rest is the 1782 ed. *Copy*: BR.
1: [i*, iii*], [i]-xvi, [1]-408 (has also the original t.p. of 1782).
2: [i*, iii*], [1]-411 (has also the original t.p. of 1782).
3: [i*, iii*], [1]-412, *pl. 1-2* (uncol. copp.).
German transl.: 1785, *Physikalisch-chemische Abhandlungen* über den Einfluss des Sonnenlichts auf alle drei Reiche der Natur und auf das Pflanzenreich insonderheit. Leipzig (bey Friedrich Gotthold Jacobäer). 4 vols. Oct. (*Phys.-chem. Abh.*). *Copy*: UC.
1: 1785, p. [i-xvi], [1]-232, *2 pl.*
2: 1785, p.[i-x], [1]-214.
3-4: n.v.

11.663. *Recherches sur l'influence de la lumière solaire* pour métamorphoser l'air fixe en air pur par la végétation. Avec des expériences & des considérations propres à faire connaître la nature des substances aëriformes ... à Genève (chez Barthelemi Chirot, ...) 1783. Oct. (*Rech. infl. lumière*).
Publ.: 1783, p. [i]-xxxii, [1]-385. *Copy*: U.
German transl.: 1785, 2 vols. *Copy*: UC (inf. R. Schmid). – "*Physikalisch-chemische Abhandlungen über den Einfluss des Sonnenlichts* auf alle drei Reiche der Natur und auf das Pflanzenreich in besonderheit .." Leipzig (bei Friedrich Gotthold Jacobäer) 1785.
1: 1785, p. [i-xvi], [1]-232, *2 pl.*
2: 1785, p. [i-x], [1]-214.

11.664. *Expériences sur l'action de la lumière solaire dans la végétation* ... à Genève (chez Barde, Manget & Compagnie, ...) et se trouve à Paris (chez Buisson, ...) 1788. Oct. (*Exper. lumière vég.*).
Publ.: 1788, p. [i]-xvi, [1]-446. *Copies*: B-S, FI, G, NY, U. – UC has an issue with an imprint "A. Genève. Et se trouve à Paris, ..." 1788.

11.665. *Physiologie végétale*, contenant une description des organes des plantes, & une exposition des phénomènes produits par leurs organisation; ... à Genève (chez J.J. Paschoud, ...) [1800] 5 vols. Oct. (*Physiol. vég.*).
Publ.: 1800. *Copies*: B-S, BR, FI, G, HH, MO, NY, U.
1: [i-iii], [1]-463.
2: [i-iii], [1]-208, 229-472 (text runs on).
3: [i-iii], [1]-420.
4: [i-iii], [1]-435.
5: [i-iii], [1]-350, [351, note stating vol. 2 is complete with [1]-208, 229-472].

11.666. *Mémoires sur l'influence de l'air* et de diverses substances gazeuses *dans la germination de différentes graines*, ... à Genève (chez J.J. Paschoud, ...) ix (1801). Oct. (*Mém. infl. air*).
Co-author: François Huber (1750-1831).
Publ.: 1801, p. [i]-xiii, [1]-230, [231-232, adv.]. *Copies*: FI, U.

11.667. *Rapports de l'air avec les êtres organisés* ou traités de l'action du poumon et de la peau des animaux sur l'air, comme de celle des plantes sur ce fluide. Tirés des journaux d'observations et d'expériences de Lazare Spallanzani, avec quelques mémoires de l'éditeur sur ces matières. Par Jean Senebier, ... à Genève (chez J.J. Paschoud, ...) 1807. 3 vols. Oct. (*Rapp. air êtres*).
Main author: Lazaro Spallanzani (1729-1799).
Publ.: 3 vols., 1807. *Copy*: U. – Vol. 1 has no botany; vol. 2 very little, but vol. 3 deals with "Traité sur les rapports des plantes avec l'air atmosphérique".

1: [i]-xvi, [1]-471.
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3: [i, iii], [1]-347. – Subtitle see above.

Senft, [Philipp] **Emanuel** (1870-1922), Austrian (Bohemia-born) botanist (lichenologist) and pharmacist; army pharmacist 1896; military pharmacist at the Josefinum, Wien, 1908; "Oberinspector" of the "k.k. landwirtschaftlich-chemischen Versuchsstation", Wien, from 1913. (*E. Senft*).

HERBARIUM and TYPES: PR (through V. Kuták). – Further material in W and WU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 259 (d. Jul 1922); Biol.-Dokum. 6: 8620; GR p. 441, cat. p. 71; LS 24667-24669b, 39159-39162; MW p. 444; SBC p. 132.

BIOFILE: Anon., Ber. deut. bot. Ges. 41: (119). 1923 (d.); Bot. Centralbl. 137: 304. 1918 (Regierungsrat); Bot. Jahrb. 123: 128. 1913 (app. Wien); Hedwigia 54: (126). 1913 (app. Wien); Österr. bot. Z. 63: 440. 1913 (app. Wien).
Miehe, H., Ber. deut. bot. Ges. 41: 171. 1923.
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Senft, [Carl Friedrich] **Ferdinand** (1810-1893), German (Thuringian) botanist, geologist and mineralogist; studied theology and natural sciences at Göttingen; cand. theol. ib. 1834; lecturer, later professor (1850) for natural sciences at the Forestry College of Eisenach 1834-1890; also high school teacher at the Eisenach Gymnasium 1843-1875; Geh. Hofrath 1890. (*Senft*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 259 (b. 6 Mai 1810, d. 29 Mar 1893); BM 4: 1901; CSP 5: 644-645, 8: 935, 12: 674-675, 18: 693; GR p. 138; LS 24664-24666; Morren ed. 10, p. 23; PR 8611-8613; Rehder 5: 794; TL-2/4461; Tucker 1: 645.

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11.668. *Lehrbuch der forstlichen Botanik* ... Jena (Druck und Verlag von Friedrich Mauke) 1857. Oct. (*Lehrb. forstl. Bot.*).
Publ.: 1857 (p. viii: 16 Aug 1856), p. [ii]-xxxii, [1]-480, *pl. 1-6* (uncol.), chart. *Copies*: HH, NY. – Issued as vol. 2 of (alt. t.p.:) "Lehrbuch der forstlichen Naturkunde ... Forstliche Botanik".

11.669. *Die Vegetationsverhältnisse der Umgebung Eisenachs.* Ein Wegweiser für Freunde der Pflanzenkunde ... Eisenach (Druck der Hofbuchdruckerei) 1865. Oct. (*Veg.-Verh. Eisenachs*).
Publ.: 1865 (rev. Flora 48: 426-427. 16 Sep 1865, rd Aug-Sep), p. [1]-67. *Copies*: B, NY.

11.670. *Systematische Bestimmungstafeln* von Deutschlands wildwachsenden und cultivirten Holzgewächsen und den für sie wirklich schädlichen Insectenarten. Ein Leitfaden auf Excursionen für Forstleute und alle Baumzüchter ... Berlin (Verlag von Julius Springer) 1868. Oct. (*Syst. Best.-Taf.*).
Publ.: 1868 (p. v: Jan 1868; Flora 30 Sep 1868; Bot. Zeit. 22 Jan 1869), p. [i]-v, [1]-77, [78]. *Copies*: HH, NSUB.

Senn, Gustav [**Alfred**] (1875-1945), Swiss botanist; Dr. phil. Basel 1899; habil. Univ. Basel 1901; lecturer 1901-1908; extraordinary professor of botany 1908-1912; ordinary

professor of botany and director of the Basel botanical garden 1912-1945; visited S.E. Asia 1910-1911. (*Senn*).

HERBARIUM and TYPES: BAS; further material at L.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 260 (b. 9 Nov 1875, d. 10 Jul 1945); Biol.-Dokum. 16: 8624; BL 2: 163; BM 4: 1901; Bossert p. 360; CSP 18: 694; Hirsch p. 271; Moebius p. 4, 5, 69, 147, 336, 338; Nordstedt suppl. p. 15; SK 1: 482; TL-2/3718.

BIOFILE: Aellen, H., Schweiz. Zeitgen.-Lex. ed. 1: 623. 1921.
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Pantostematineae, 1(1a): 111-115. Nov 1900.
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EPONYMY: *Sennia* Pascher (1912); *Senniella* Aellen (1938).

11.671. *Über einige Coloniebildende einzellige Algen.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Facultät der Universität Basel ... Basel 1899. Qu. (*Coloniebild. einz. Alg.*).
Publ.: 1899 (Nat. Nov. Jun(2) 1899), p. [1]-70, *pl. 2-3* (col. liths. auct.). *Copies*: FH, G, M, NY(2). – Preprinted or reprinted from Bot. Zeit. 57(1)(Heft 3/5): 34-104. 1899.

11.672. *Die Grundlagen des Hallierschen Angiospermensystems.* Eine phylogenetische Studie ... Beihefte Bot. Centralbl. ... 1904. Oct.
Publ.: 1904, p. [139]-156. *Copy*: U. – Reprinted and to be cited from Bot. Centralbl. 17: [129]-156. 1904.

11.673. *Alpen-Flora* Westalpen ... Heidelberg (Carl Winter's Universitätsbuchhandlung) [1906]. Oct. (*Alpen-Fl.*).
Publ.: Aug-Sep 1906 (p. vi: Jul 1906; ÖbZ for Aug-Sep 1906; NY rd Oct 1906; Bot. Zeit. 1 Nov 1906; Bot.Centralbl. 6 Nov 1906; AbZ 10 Nov 1906; Nat. Nov. Sep(2) 1906), frontisp., p. [ii]-xxviii, [1]-49, *pl. 1-144* (on 72) with text (1 verso of 1), p. 1-144, [145]. *Copies*: B, BR, NY. – 144 plates of water colours by C. Kastner. – Alt. t.p. [ii]:

"Sammlung naturwissenschaftlicher Taschenbücher ii. Alpen-Flora ... Westalpen ..." – For the quality of this work see Mez (1907).
Ref.: Mez, C., Bot. Centralbl. 104: 236-237. 1907 (rev.; "in dieser für die systematische Wissenschaft kritischen Zeit tritt ein Docent der Botanik einer deutschsprechenden Hochschule mit einem systematischen Werk hervor, welches an Dilettantismus die schlimmsten Leistungen der Botanophili weit hinter sich lässt. Die Senn'sche Alpenflora und ihren Verfasser abzuschütteln ist eine Lebensnotwendigkeit für die systematische Botanik". ... " Die systematische Botanik ... hat mit dem Verfasser nichts zu tun".

11.674. *Die Gestalts- und Lageveränderung der Pflanzen-Chromatophoren.* Mit einer Beilage: Die Lichtbrechung der lebenden Pflanzenzelle ... Leipzig (Verlag von Wilhelm Engelmann) 1908. Oct. (*Gest. Lageveränd. Pfl.-Chrom.*).
Publ.: 1908 (ÖbZ for Aug-Sep 1908; AbZ 15 Dec 1908; Nat. Nov. Nov(1) 1908), p. [i]-xv, [1]-397. – *Copies*: BR, MO, PH.
Continuation: Ber. deut. bot. Ges. 37: 12-27. 1909 and Verh. naturf. Ges. Basel 28: 103-122. 1917.
Ref.: Alten, Bot. Zeit. 67(2): 38-42. 1 Feb 1909 (rev.).
Ruhland (Berlin), Bot. Jahrb. 42 (Lit.): 49-51. 29 Dec 1908 (rev.).

11.675. *Oxyrrhis, Nephroselmis und einige Euflagellaten* nebst Bemerkungen über deren System ... Leipzig (Wilhelm Engelmann)) 1911. Oct.
Publ.: 4 Apr 1911 (in journal), cover-t.p., p. [605]-672, *pl. 30-31*. *Copy*: FH. – Reprinted and to be cited from Z. wiss. Zool. 97(4): 605-672, *pl. 30-31*. 1911.

11.676. *The upper limit of forests in Java* ... Manchester (Sheratt & Hughes) 1927. Oct.
Publ.: Nov 1927 (in journal), p. [1]-10. *Copy*: M. – Reprinted and to be cited from J. Manchester Geogr. Soc. 41-42: [1]-10. 1927.

Senn, Harold Archie (1912-x), Canadian botanist; Dr. phil. Univ. Virginia 1937; natural research fellow in botany, Harvard from 1937-1938; Asst., Div. Bot., Dept. Agric. Ottawa 1938-1941, assoc. botanist 1941-1945, senior botanist from 1945. (*H. Senn*).

HERBARIUM and TYPES: DAO; further material at BR, C, DPU, E, GB, MO, TRT, U, US. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 260 (b. 12 Jan 1912); Biol.-Dokum. 16: 8624; Bossert p. 360; IH 1 (ed. 1): 72, (ed. 2): 91, (ed. 3): 115, (ed. 6): 165, 342, (ed. 7): 342, 2: (files); Langman p. 693; PH 209; SIA 226-227 (HI 107).

BIOFILE: Anon., World biography L-Z: 4304. 1948; Who's who Agric. Inst. Canada 185. 1948.

11.677. *Experimental data for a revision of* the genus *Lathyrus* ... Reprinted from the American Journal of Botany ... 1938. Oct.
Publ.: Feb 1938, cover-t.p., p. 67-78. *Copy*: US. – Reprinted and to be cited from Amer. J. Bot. 25(2): 67-78. 1938.

11.678. *Chromosome number relationships in the Leguminosae* [Bibliographia genetica ... 1938]. Oct.
Publ.: 1938, p. 175-336. *Copies*: MO, USDA. – Reprinted and to be cited from Bibl. genet. 12: 175-336. 1938.

11.679. *The North American species of Crotalaria* ... Contribution from the Gray Herbarium of Harvard University cxxv. 1939.
Publ.: Aug 1939, p. [i], [317]-367. *Copy*: U. – Reprinted from Rhodora 41: 317-367. Aug 1939.

Sennen, *frère* [Étienne Marcelin Grenier-Blanc; also: Granié] (1861-1937), French bota-

nist and clergyman to the "Frères des écoles chrétiennes"; director of schools at Prades 1896-1898 and La Nouvelle 1898-1904; from 1904 director of his congregation's school at Figueiras (Catalonia); ultimately at Marseilles; student of the flora of the Iberian Peninsula and Morocco. (*Sennen*).

HERBARIUM and TYPES: BC (100.000). Other material at A, AL, B (extant), BC, BCF, BH, BM, BP, BR, C, CR, DAO, DBN, DPU, DS, G, GB, GE, GZU, H, JE, K, KRA, L, LA, LAU, LD, MA, MAF, MANCH, MO, MPU, NY, OXF, PH, RAB, S, SI, U, US, VT, W, WELC. Most of the plants in these herbaria are from his series of exsiccatae *Plantes d'Espagne*, 1907-1936, 9850 nos. – *Letters* (50) of S. to Malinvaud at P; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 1: 197 (under Blanc, b. 13 Jul 1861, d. 16 Jan 1937), 3: 260; BJI 2: 163; BL 1: 47, 318, 2: 715-716 (index); BM 8: 1178; Bossert p. 360; Clokie p. 241 (n.b. "Sennen, Granier and Etienne" are all Sennen); Hegi 6(1): 98; Hortus 3: 1204; IF suppl. 1: 85; IH (ed. 2): 19, (ed. 3): 22, (ed. 6): 364, (ed. 7): 342, 2: (files); Tucker 3: 277.

BIOFILE: Aymonin, G.G., C.R. Congr. Sav. (Limoges) 102(3): 57. 1977 (corr. Malinvaud).
Camus, F., Bull. Soc. bot. France 53: 288. 1906, 54: 752. 1907 (will start series "plantes d'Espagne").
Gelcen, S.L. de, Bull. Soc. bot. France 84: 161-176. 1937 (obit., portr., bibl.).
Luis, Irmão Teodoro, O botânico lassalista F. Sennen. Canoas, Rio Grande do Sul, Brasil 1961, 126 p. (biogr.).
Maire, R., Bull. Soc. Hist. nat. Afr. N. 28(7): 423-425. 1937 (obit., portr.).
Malagarriga, H.T., Collect. Bot. 7(2): 676-695 (1-19). 1968 (Font Quer y el nombre de las plantas Sennenianas).
Malagarriga Heras, R. de P., Plantae Sennenianae, v, Thymus L., Laboratorio Botánico Sennen, Barcelona 1974, 20 p. (on p. 14-19 facs. repr. of two letters of Karl Ronniger to Sennen).
Sayre, G., Mem. New York Bot. Gard. 19(3): 398. 1975 (coll.).
Verdoorn F., ed., Chron. bot. 1: 251. 1935, 2: 65, 188, 266, 269. 1936, 3: 233, 241, 310. 1937, 4: 72, 77, 78, 80 (obit., portr., herb. safe at BC), 426. 1938.

HANDWRITING: Candollea 33: 381-382. 1978.

11.680. 2e *Note sur la flore des environs de Figueras* ... Memorias del Primer Congresso de Naturalistas Españoles. – Junio, 1909. Oct.
Publ.: Jun 1909 (rd. G Jan 1910), cover-t.p., p. [1]-34. *Copy*: G. – Reprinted and to be cited from Act. mem. Prim. Congr. Natural. Españ. 1908: [274]-307. 1909.
First note: Bol. Soc. Aragon. Ci. Nat. 4: 303-333. 1905.

11.681. *Une vingtaine de "plantes nouvelles"* pour la Catalogne plantes non encore signalées aux environs de Tortose ... Boletin de la Sociedad Aragonesa de Ciencias naturales. – Junio 1909. Oct.
Publ.: Jun-Jul 1909 (in journal), cover-t.p., p. [1]-8. *Copy*: G. – Reprinted and to be cited from Bol. Soc. Arag. Ci. nat. 8 (6-7): [143]-150. 1909.

11.682. *Quatres jours d'herborisation aux environs de Tarragona* (les 11-12-13 et 14 juin) ... Boletin de la Sociedad Aragonesa de Ciencias naturales. – 1909. Oct.
Publ.: Oct 1909, cover-t.p., p. [1]-8. *Copy*: G. – Reprinted and to be cited from Bol. Soc. Arag. Ci. nat. 8(8): [168]-175. 1909.

11.683. *Note sur la flore de Benicarió*, Peñiscola, Sta. Magdalena, etc. de la province de Castellón de la Plana ... Boletin de la Sociedad Aragonesa de Ciencias naturales ... de 1911. Oct.
Publ.: Oct-Nov 1911 (in journal), p. [1]-32. *Copy*: G. – Reprinted and to be cited from Bol. Soc. Aragon. Ci. nat. 10: 131-143. Jul-Oct, 162-180. Nov 1911.

11.684. *Flore de Catalogne* additions et commentaires ... Barcelona (Institut d'Estudis catalans ..) 1917. (*Fl. Catal.*).
Publ.: 1917, p. [1]-212, *pl. 4-7*. *Copies*: G, M. – Also issued as Publ. Inst. Cienc., Treb. inst. Catal. Hist. nat. 1917, p. [55]-266, *pl. 4-7*.

11.685. *Plantes d'Espagne* par le F. Sennen diagnoses et commentaires (extrait du Bulletin de la "Sociedad ibérica de Ciencias naturales") Zaragoza (Tip. de F. Gambón, Canfranc, 3) 1926. Oct.
Publ.: 1926, p. [1]-254. *Copy*: G. – Reprinted and preprinted from Bull. Soc. ibér. Cienc. nat.:

Reprint pag.	journal	indep. pag. in journal
3-16	25: 52-65. Mar-Apr 1926	1-14
17-31	25: 107-122. Mai-Jun 1926	15-30
33-48	25:134-149. Jul-Oct 1926	31-46
49-64	25: 206-221. Nov-Dec 1926	47-62
65-80	26: 76-91. Feb-Mar 1927	63-78
81-96	26: 114-129. Jun-Oct 1927	79-94
97-112	26: 183-198. Nov-Dec 1927	95-110
113-128	27: 30-45. Jan-Feb 1928	111-126
129-144	27: 61-76. Mar-Apr 1928	127-142
145-160	27: 133-148. Mai-Jun 1928	143-158
161-176	27: 173-188. Jul-Oct 1928	159-174
177-192	27: 205-220. Nov-Dec 1928	175-190
193-208	28: 29-44. Jan-Feb 1929	191-206
209-224	28: 62-77. Mar-Apr 1929	207-222
223-238 [sic]	28: 105-120. Mai-Oct 1929	223-238
239-254	28: 168-183. Nov-Dec 1929	239-254

Note 1: See also *Exsiccata "Plantes d'Espagne"* vingt-cinq ans de publication, Saint-Dizier (Établissements André Brulliard) 1932. Oct., p. [1]-4. *Copy*: B. – Reprinted and to be cited from Bull. Soc. bot. France 79: 227-230. 1932.
Note 2: Sennen circulated a single page pamphlet on 4 July 1925 mentioning the completion of his manuscript and requesting financial support for publication (*copy* at G).

11.686. *Nombreuses localités de plantes nouvelles pour la Cerdagne* observées durant les vacances des années 1915 à 1926 ... Saint-Dizier (Établissements André Brulliard) 1927. Oct.
Publ.: 1927 (p. 410: 1 Apr 1927), cover-t.p., p. [355]-410. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 74 (5-6): [355]-410. 1927.

11.687. *Quelques espèces adventices*, subspontanées ou cultivées en Espagne dans le domaine méditerranéen ... Barcinone [Barcelona] 1929. Oct.
Publ.: 30 Apr 1929 (cover repr.), cover-t.p., p. [1]-33. *Copies*: G, USDA. – Reprinted and to be cited from Cavanillesia 2(1-4): 10-42. 1929.

11.688. *Catálogo de la flora del Rif oriental* y principalmente de las Cabilas limitrofes con Melilla ... Melilla (Gráficas ... Ibérica ...) [1933]. Oct. (*Cat. fl. Rif orient.*).
Co-author: frère Mauricio.
Publ.: 1933 (p. ix: Aug 1933), p. [i]-xv, [1]-159, map. *Copies*: GOET, M, US, USDA.

11.689. *Campagnes botaniques* du Maroc oriental de 1930 à 1935 des frères Sennen et Mauricio, Ee. Cc. par le Frère Sennen ... Madrid (Imp. Juan Bravo, 3) 1936. Oct. (*Campagn. bot.*).
Publ.: 1936 (with addition of presentation sheet dated Jan 1936; US rd 8 Jul 1936), p. [1]-167, map. *Copies*: GOET, MO, US, USDA.

11.690. *Diagnoses des nouveautés* parues dans les exsiccata Plantes d'Espagne et du Maroc de 1928 à 1935 ... s.l. 1936. Oct. (*Diagn. nouv.*).
Publ.: Jul 1936 (date on cover), cover-t.p., p. [1]-308. *Copies*: B, G, HH, M, U. – The

text of p. 56-89 (séries de 1929) was also published in Bull. Inst. Cat. Hist. nat. 32(4): 1-32. Our data on this publication are probably incomplete.

Sennholz, Gustav (1850-1895), German (Frankfurt) botanist and gardener; educated at the Kassel gymnasium; student gardener at Wilhelmshöhe i.d. Lehre and Kassel; gardener at Potsdam 1869-1870; in Franco-Prussian war 1870-1871; again in Potsdam and Kassel 1871-1874; with Gebr. Siesmayer in Bockenheim nr. Frankfurt a. M. 1874-1884; city-gardener of Wien 1884-1895; also active as a floristic botanist. (*Sennholz*).

HERBARIUM and TYPES: MB (Ludwig, Hess. fl. Briefe 16); further material at GOET, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 260 (d. 24 Aug 1895); DTS 1: 280-281; Hegi 6(2): 912.

BIOFILE: Anon., Allg. bot. Z. 1: 200. 189 (d. 27 Aug 1895); Bot. Centralbl. 64: 143. 1895 (d. 27 Aug 1895); Österr. bot. Z. 45: 407. 1895 (d. 27 Aug 1895).
Fritsch, C., Verh. zool.-bot. Ges. Wien 45(8): 315-317. 1895 (obit.).
Magnus, P., Ber. deut. bot. Ges. 13: (55)-(58). 1895 (obit., d. 24 Aug 1895).
Wagenitz, G., Index coll. princ. herb. Gott. 156. 1982.

Senni, Lorenzo (1879-1954), Italian forester and botanist who conducted forestry explorations and made botanical collections in Eritrea 1905-1907, 1929, 1937, and Somalia 1937; consul in the "Fascist forest militia" during the Mussolini era. (*Senni*).

HERBARIUM and TYPES: Material in BI, FT and MOD.

BIBLIOGRAPHY and BIOGRAPHY: Saccardo 2: 100; TL-2/5684.

BIOFILE: Cufodontis, G., C.R. AETFAT 4: 247. 1962 (coll.).
Lusina, G., Annali di Bot. 25: 171. 1958.
White, A. & B.L. Sloane, The Stapelieae 1: 139. 1937, ed. 2: 139, 183. 1937.

EPONYMY: *Sennia* Chiovenda (1932).

11.691. Biblioteca agraria coloniale. Dott. Lorenzo Lorenzo Senni console milizia forestale *Gli alberi e le formazioni legnose della Somalia* ... Firenze (Istituto agricolo coloniale italiano) 1935-XIII. (*Alb. form. legn. Somalia*).
Publ.: 1935, p. [i-vi], [1]-305. *Copies*: FI, USDA.

Senoner, Adolf (1806-1895), Austrian physician, botanist and librarian; educated as surgeon at Pavia and Padua; military surgeon, later practicing physician in Lower Austria; from 1866 librarian, later archivist of the Austrian Geologische Reichsanstalt. (*Senoner*).

HERBARIUM and TYPES: Some material at FI. – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 260 (b. 29 Jul 18 1806, d. 30 Aug 1895; Biol.-Dokum. 16: 8624-8625; BL 2: 356, 716; BM 4: 1901; Bossert p.3 60; CSP 5: 645-646, 8: 935-936, 11: 393, 12: 675, 18: 695; Herder p. 23, 330, 376, 394, 423; Hortus 3: 1204; Morren ed. 10, p. 31; MW p. 444; Quenstedt p. 396; Saccardo 1: 152, 227, 2: 100 (d. 29 Aug 1895).

BIOFILE: Ackermann, Abh. Ber. Ver. Naturk. Kassel 41: vii. 1896.
Anon., Bot. Centralbl. 64: 143. 1895 (d. 29 Aug 1895); Flora 39: 16. 1856 (herbarium for sale), 40: 48, 222. 1857; Österr. bot. Z. 11: 372. 1861 (Greek decoration), 45: 407. 1895 (d.); Verh. k.k. geol. Reichsanst. 11: 295. 1895 (obit. not); Zool. Gart. 36: 287. 1895.

COMPOSITE WORKS: (1) Co-editor, *Gartenflora* vols. 16-33, 1867-1884, see TL-2/8774.

(2) Published, *Cenni bibliografici* in Il Naturalista Siciliano, 3(app.), 1884-9(app.), 1890.

11.692. *Delle cactee.* Memoria del Cav. Adolfo Senoner ... [Pesaro 1856]. Oct.
Publ.: 1856, p. [1]-7. *Copy*: MO. – Reprinted and to be cited from Esercitazioni dell'Academia di Pesaro 12(2): 113-117. 1856 (journal n.v.). – See also Österr. bot. W. 7: 336-338. 15 Oct, 344-345. 22 Oct 1857.

11.693. *Pianti utili all'agricoltura ed alle arti* [1860].
Publ.: 1860 (p. 7: Mai 1858), p. [1]-85. *Copy*: LC. – Reprinted and to be cited from Annuario Assoc. Agr. Friuliana 3: 25-109. 1860.

Sergievskaja, Lidia Palladievna (1897-1970), Russian botanist at the P.N. Krilov Herbarium of the V.V. Kuibyshev State University of Tomsk. (*Sergiev.*).

HERBARIUM and TYPES: TK. – Other material at C, DAO, LE, M.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 260; BFM no. 1557, 1564; Hirsch p. 271; MW p. 444; MW suppl. p. 314-315 (bibl.); Roon p. 102; TL-2/3857; Zander ed. 10, p. 716, ed. 11, p. 817.

BIOFILE: Lipschitz, S., Fl. URSS fontes 225 [index]. 1975.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 659. 1985.

COMPOSITE WORKS: V.L. Komarov, *Flora URSS* 3: 105-111. 30 Apr 1935 (*Cyperaceae, Cobresia*).

Serguéeff, Marguérite (1877-?), Russian botanist, who studied at Genève 1900-1908; Dr. Sci. nat. Genève 1907. (*Serguéeff*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 260; LS 39169.

BIOFILE: Briquet, J., Bull. Soc. bot. Genève 50a: 436. 1940 (b. 19 Dec 1877, bibl.).

11.694. *Contribution à la morphologie et la biologie des Aponogétonacées.* Thèse présentée à la Faculté des Sciences de l'Université de Genève pour obtenir le grade de docteur ès sciences ... Genève (Imprimerie W. Kündig & Fils, ...) 1907. Oct. (*Contr. morph. Aponogétonac.*).
Publ.: 1907 (impr. 20 Jun 1907; ÖbZ for Nov 1907), p. [i], [1]-132, *pl. 1-5*. *Copies*: G, NY. – Issued as "Université de Genève. – Institut de botanique Prof. Dr. R. Chodat, 7me série. – viiime fascicule".
Ref.: Diels, L., Bot. Zeit. 66: 138-139. 1900 (rev.).

11.695. *Répartition géographique du genre Ibéris* L. ... Bull. Herb. Boiss. ser. 2. tome viii. 1908, no. 9. Oct.
Publ.: 31 Aug 1908, p. [1]-14. *Copy*: U, US. – Issued as Bull. Herb. Boissier ser. 2. 8(9): [609]-622. 1908.

Seringe, Nicolas Charles (1776-1858), French botanist; studied medicine at the Faculté de Paris; army-surgeon 1796-1801; teacher (French language) in Bern 1801-1820, in Genève 1820-1830; professor of botany and director of the botanical garden at Lyon 1830-1858. (*Ser.*).

HERBARIUM and TYPES: LY (ca. 17.000). – The types of Seringe's work for the *Prodromus* of de Candolle are at G. – Other material, including various series of *exsiccatae* at AWH, B (mainly destr.), BERN, BM, BR, C, CGE, DBN, E, FI, G, G-DC, GOET, H, KIEL, L, LE, M, MANCH, MPU, MO, NEU, NY, OXF, P, RAB, S, SI, TL, TO, U, US, W, WELC, WRSL.

Exsiccatae: (1) *Saules de la Suisse*, 88 nos., 1805-1814 sets at BR, G, GOET, GH, L, LE, NEU, P, S, TL, TO, W, WRSL. – For text see below.
(2) *Herbarium helveticum*,nos. 1-612, sets a FH, W.
(3) *Décades des roses desséchées*, Bern, 1(1-10) Jan 1807, 2(11-20), 3(21-30) Feb 1808, 4(31-40), 5(41-50). 1818. – For commentary see *Mél. bot.* 1: 1-63. Jul 1818 (below). Sets at BR, G, NEU, TO.
(4) *Dryadeae*, Agrimoniaceae et Ulmariae exsiccatae, Bern, 1823, 2 decades. – For commentary see below *Dryadeae* (1823). Sets at BR, G.
(5) *Mousses helvétiques* Bern, 1804-1809, 10 dec., nos. 1-100. Not seen by us but see Sayre 1971 for dates and further information (sets at BM, G, TO). – J. Collins saw a set with the title *Collection des Mousses de la Suisse*, Bern 1809, 10 dec., accompanied by 2 p. text. (in litt.).
(6) *Herbier portatif des Alpes*, Bern 1809-1813, 5 cent. Set: G. – See below for text.
(7) *Plantes de France*, Bern 1810, see below for text. Set at G.
(8) *Collection des Graminées, Cyperacées et Joncées de la Suisse*, Bern 1816, 2 cent., see below for text. Set at G.
(9) *Exemplaires desséchés de la révision inédite du genre Salix*, Genève 1824 (text at M, see below).
(10) *Souvenir de la Suisse* ou collection de plantes choisies des Alpes (n.v.).
Letters to D.F.L. von Schlechtendal at HAL; other letters at G, GH.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 186; Backer p. 529; Barnhart 3: 260 (b. 3 Dec 1776, d. 29 Sep 1858); BM 1: 750, 1903; Clokie p. 241; CSP 5: 646-647, 11: 394; Frank 3 (Anh.): 96; Hegi 4(2): 1037; Herder p. 478 (index); Hortus 3: 1204; Jackson p. 18, 41, 115, 137, 227, 276, 406, 447, 480; Langman p. 694; Lasègue 103, 296, 314; MW p. 444; NI 1832-1836a; Plesch p. 404; PR 1485, 3744, 8617-8626, 10813, ed. 1: 2239, 2256, 4097, 9573-9586; Rehder 5: 794;Sotheby 693; TL-1/475, 1223a; TL-2/999, 2388, see M.P. Mercier; Tucker 1: 645, 2: xxxv; Urban-Berl. p. 314, 397; Zander ed. 10, p. 716, ed. 11, p. 817.

BIOFILE: Anon., Bonplandia 1: 103. 1853; Brit. Mus. gen. cat. print. books 219: 320. 1964; Cat. gén. livr. impr. Bibl. natl. 170: 1032-1035. 1947; Flora 7(1): 112. 1824 (on a planned *Synopsis plantarum* by A.P. de Candolle and Seringe; [i.e. the Prodromus]), 14(1): 192 (called to Lyon to succeed Balbis), 240. 1831.
Boullieux, L., Biographie de N.-C. Seringe, Lyon 1859, 8 p.
Candolle, Alph. de, Phytographie 450. 1880 (coll.).
Candolle, A.P. de, Mém. Soc. phys. Genève 5: 59. 1830 (bibl.); Mém. souvenirs Genève 325, 335, 385, 387, 388, 389, 410. 1862.
Cavillier, Fr., *in* J. Briquet, Bull. Soc. bot. Suisse 50a: 436-439. 1940 (biogr. sketch, bibl.).
Fischer, Ed., Verh. schweiz. naturf. Ges. 1914(2): 13-14, 18, 26-27.
Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 202. 1938.
Levrat fils, Notice historique sur Jean Claude Seringe. Lyon (Impr. de J.M. Boursy) Feb 1833, 11 p. (obituary of Seringe's son, entomologist and botanical artist).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 659. 1985.
Magnin, A., Bull. Soc. bot. Lyon 32: 17-19, 62, 127-128. 1907, 35: 36, 77. 1910.
Michaud, Biogr. univ. 39: 104-105. 1969 (facsimile ed. of ed. 1854ff.).
Roux, Cl., Ann. Soc. Agr. Sci. Industr. Lyon 1911: 220.
Rytz, W., Mitt. naturf. Ges. Bern 5: 27-28. 1922 (coll. BERN).
Sayre, G., Mem. New York Bot. Gard. 19(2): 254. 1971 (on "Mousses helvétiques").
Seringe, N.C., Bull. Hort. prat. Rhone 1848: 94-96, 97-98. ("Des règles que les botanistes se sont tacitement imposées pour la nomenclature").
Stafleu, F.A., The great Prodromus 31. 1966.
Stieber, M.T. et al., Huntia 4(1): 86. 1981 (arch. mat. HU).
Toepffer, A., Salicologische Mitt. 6: 277-284. 1913 (Die "Revision inédite du genre Salix" von N.C. Seringe, Nomenclator Seringianus).
Wagenitz, G., Index coll. princ. herb. Gott. 156. 1982.

COMPOSITE WORKS: (1) In A.P. de Candolle, *Prodromus*:
Caryophylleae, 1: 351-367, 385-422. med. Jan 1824.

Cucurbitaceae, 3: 297-320. med. Mar 1828.
Leguminosae, 2: 171-215, 354-380. med. Nov 1825.
Onagrariae (*Epilobium*, *Gaura*, *Oenothera*), 3: 40-52. med. Mar 1828.
Ranunculaceae (*Aconitum*), 1: 56-64. med. Jan 1824.
Rosaceae, 2: 530-625. med. Nov 1825.
Saxifragaceae (*Weinmannia*, *Hydrangea*, *Saxifraga*, *Leptarrhena*, *Chrysosplenium*, *Mitella*, *Tiarella*, *Heuchera*) 4: 8-51. Sep (sero) 1830.
(2) *Rétablissement du genre Scorodonia de Moench* and *Mémoire sur le fruit et l'embryon des Labiées*, in A. Hamilton, *Esq. monogr. Scutellaria* 1832, TL-2/2338.
(3) Collaborator, G. Roffavier, *Suppl. fl. Lyonn.* 1835, see TL-2/9432.
(4) *Verzeichniss der Pflanzen welche auf der Scheideck, der Wengernalp*, und in den Thälern von Lauterbrunnen, Grindelwald und Hasli gefunden werden, *in* F.N. Koenig, *Reise in die Alpen* 1814 (n.v.).

NOTE: Seringe's son Jean Claude Seringe (1810-1833) was primarily an entomologist but also a botanist and botanical artist (see Levrat 1833 and Magnin 1910, p. 77).

HANDWRITING: Candollea 33: 383-384. 1978.

EPONYMY: *Seringia* K.P.J. Sprengel (1818, *nom. rej.*); *Seringia* J. Gay (1821, *nom. cons.*).

11.696. *Saules de la Suisse* 1er [-7me] cahier. [Bern 1805-1814], 7 parts.
Publ.: in 7 "cahiers", 1805-1814, preceding Seringe's formal treatment in his *Essai monogr. Saules* (1815). Complete *copy* seen by us: MICH; for other copies see above under Herbarium and Types.
1: Dec 1805, cover and 1 p. text, exs. nos. 1-6.
2: Dec 1805, cover, 1 p. text, exs. nos. 7-11.
3: Dec 1805, cover, 1 p. text, exs. nos. 12-18.
4: Dec 1806, cover, 1 p. text, exs. nos. 19-27.
5: Jan 1808, cover, 2 p. text, exs. nos. 28-44.
6: 1809, cover with list of names, no text, exs. nos. 45-60.
7: 1814, cover with list of names, no text, exs. nos. 61-88.
"Des remarques sur les 7 cahiers de cette collection vont être publiées" (bottom line on text of cover cahier 7): refers to *Essai monogr. Saules*.
Ref.: McVaugh, R., Mich. Botanist 7: 9-11. 1968.

11.697. Ier *Catalogue des collections de genres* que l'on peut se procurer chez Mr. Seringe, Botaniste à Berne, Helvétie. [Bern]. 1807. Qu. (*Cat. coll. genres*).
1807: p. [1]-10. *Copy*: G. – Text accompanying exsiccatae.
1810: mentioned by Briquet (1940), not seen by us.

11.698. *Herbier portatif des Alpes*. 1ere [-5me] centaine, [Bern] 1809-1813, 5 parts. (*Herb. port. Alp.*).
1: 1809, p. [1-2].
2: 1809, p. [1-2].
3: 1812, p. [1-2].
4: 1813, p. [1-2].
5: 1813, p. [1-2].
Copy: G. – Text accompanying exsiccatae.
Ref.: Anon., Flora 6(1), Beil. 6: 83-85. Jul 1823.

11.699. *Collection des familles Algues, Champignons, Hypoxylons, Lichens*, [Bern] 1809, 2 parts.
Publ.: unnumbered exsiccatae with printed labels and list of schedae [1-2, 1-2]. *Copy*: BM (seen by T. Ahti).

11.700. Ier *Catalogue des plantes de la France* que l'on peut se procurer chez Seringe, Botaniste à Berne. [Bern] 1810. (*Cat. pl. France*).
Publ.: 1810, p. [1-6]. *Copy*: G.

11.701. *Essai d'une monographie des Saules de la Suisse* ... Berne [Bern] (chez la Société

typographique ...) 1815. Oct. (in fours). (*Essai Saules Suisse*).
Publ.: 1815, p. [i], [1]-100, *pl. 1-2* and 1 chart (uncol.). *Copies*: B, BR, G(3), HH, MICH, NY, PH, USDA.

11.702. *Collection des Graminées, Cyperacées et Joncées de la Suisse* Première [Seconde] Centurie. Berne [Bern] 1816, Broadsheets. (*Coll. Gram. Suisse*).
1: 1816, [1] p., list accompanying exsiccatae.
2: 1816, [1] p. id.
Copy: G.

11.703. *Catalogue* des espèces renfermées dans les cinq premières décades *des Roses desséchées*. [Berne, s.d.]. Broadsheet.
Publ.: ca. 1818, schedae accompanying 5 decades of Roses, [1] p. *Copy*: BR. – Sets of exsiccatae (50 nos) at BR, G, NEU, TO. – For further text see *Mél. bot.* (1). 1818, below.

11.704. *Mélanges botaniques* ou recueil d'observations, mémoires, et notices sur la botanique, par Nicolas Charles Seringe, Instituteur à l'Académie de Berne ... Berne (chez l'Auteur) 1818-1831, 2 vols., 6 parts. Oct. (*Mél. bot.*).
1: 1818 (HH copy has imprint Berne-Leipzig 1819), p. [i]-vi, [1]-244, *1 pl.*(uncol.), contains:
(*1*): Jul 1818, *Critique de cinq décades de Roses désséchées*, p. [1]-63.
(*2*): Sep 1818, *Monographie des céréales de la Suisse*, p. [65]-244.
2: 1824-1831, issued in four parts (nos. 3-6) with various imprints.
(*3*): Mai 1824, p. [i-iv], [1]-44, chart. – *Mélanges* ... botanique ... vol. ii no. 3 de la collection. Genève (chez l'Auteur, ...) 1824. – Title on p. [1]: "*Notes sur les Plantae selectae siccae collatae in herbario De Candollii* et descriptae in Prodromo systematis naturalis regni vegetabilis".
(*4/5*): Mar 1826, p. [i, t.p. dated Mar 1826], [45, dated 1 Mar 1826]-70, [71, dated 28 Mar 1826]-114. – *Mélanges* ... botanique ... vol. ii. Deuxième partie. N.° 4 et 5 de la collection. *Observations sur le genre Ranunculus*, et particulièrement sur les charactères à tirer des carpelles pour la distinction des espèces [p. 45-70, 1 Mar 1826], Observations sur la nature des fleurs et des inflorescences, par J. Roeper [p. 71-114, 28 Mar 1826; Johannes August Christian Roeper, 1801-1885]. Genève (chez l'Auteur, ...) Mars 1826.
(*6*) Oct 1831, p. [115]-156, [157-158], *pl. 1-2. Mélanges* ... botanique, ... volume ii. – n.° 6 de la collection, contenant un *mémoire sur la culture et l'emploi des céréales* et de quelques autres graminées, pour la fabrication des chapeaux et des tissus de paille, suivi de notes sur les graminées en général. Extrait des Memoires de la Société royale d'agriculture histoire naturelle et arts utiles de Lyon. Lyon (Imprimerie de J.M. Barret, ...) Octobre 1831. Oct.
Copies: B-S, BR, G, HH, MO, NY, PH (vol. 2), USDA (vol. 2).
Other issue of vol. 1: 1819, p. [i]-vi, [1]-244, *1 pl.*, chart. *Copies*: G, NY. – Berne (chez la Société typographique), Leipsic [Leipzig] (chez Ch. Cnobloch en commission) 1819. Oct.
Other issue of vol. 1(*2*), see below *Monographie des céréales*, 1818.

11.705. *Monographie des céréales* de la Suisse, ou description des blés, seigle, orges, avoines, maïs, millets, cultivés en Suisse, leurs maladies et leurs usages économiques ... Berne (chez l'auteur) 1818. Oct. (*Monogr. céréal.*).
Publ.: Oct-Dec 1818 (p. vi: 20 Oct 1818; p. 1 dated Sep 1818), p. [i]-vi, [65]-244, 1 chart, *1 pl. Copies*: G, M. – Reprinted from Mél. bot. 1(2): 65-214. Sep 1818. The Mélanges botaniques issue is clearly dated Sep 1818 and must therefore be given priority.
Other issue: 1819, p. [i]-vi, [65]-244, 1 chart, *1 pl. Copy*: USDA. – Berne (chez la Société typographique). Leipsic [Leipzig] (chez Ch. Cnobloch en commission) 1819. Oct.

11.706. *Musée helvétique* d'histoire naturelle. (partie *botanique*). Ou collection des mémoires, monographies, notices botaniques; ... tome Ier Berne (chez J.J. Burgdorfer, ...) Genève (chez l'auteur, ... chez J.J. Paschoud) 1823. Qu. (in 2-5). (*Mus. helv. bot.*).

Publ.: 1818-1823, in parts, p. [i]-vi [dated 20 Mar 1823], [1]-175, *pl. 1-15* (several colored, Em. Wyss). *Copies*: B-S, BR, G, M, NY, PH, USDA.
Cahier 1: 1818 (papers no. 1-3, all on Roses), p. [1]-16, *pl. 1-2* (*col.*; *Em. Wyss*).
Cahier 2: 1818, p. [17]-30, Roses of Redouté ctd.
Cahier 3/4: 1819-1823, p. [31]-175. – p. [31]-46, *pl.* [*3*], *Monographie du genre Pyrola*, issued 1819; p. 49-56 [sic p. 47-48 not present], *pl. 4-8 Tentamen synopseos Potentillarum* by A. v. Haller fil., issued 1819 (?); p. 57-80. *Dryadeae*, issued 1823; p. 81-84, *pl. 9*, *Notice sur le genre Soldanella*, id.; p. 85-114, *pl. 10-14*, *Umbilicariae helveticae* by L.A. Schaerer, 1823; p. 125-162, *pl. 15-16*, *Esquisse d'une monographie du genre Aconitum*, 1823; p. 163-175 contents.
German ed.: mentioned by NI 1836a (1818, 48 p., 4 cahiers).
Ref.: Anon., Flora 4: 685-694, 701-711. 1821 (rev.).

11.707. *Dryadeae*, Agrimoniaceae et Ulmariae exsiccat. tribus Rosacearum. Decas prima [secunda]. [Berne 1823]. Broadsheet. (*Dryadeae*).
Publ.: 1823, [1] p. of schedae for each decas. *Copies*: BR, G. – No sets of acccompanying species known to us. – Further text in *Mus. helv.*, *bot.*, paper no. 7 (1: 57-80. 1823). Observations critiques sur mes deux premières décades de Dryadées desséchées, particulièrement sur le genre Potentilla.

11.708. *Esquisse d'une monographie du genre Aconitum* ... [Genève s.d.]. Qu.
Publ.: 1823, p. [115]-169, *2 pl. Copy*: FI. – Reprinted and to be cited from *Mus. helv.*, *bot.* 115-169, *pl. 15-16*. 1823.

11.709. *Exemplaires desséchés de la révision inédite du genre Salix* Genève (chez l'auteur) 1824.
Publ.: 1824, 18 sheets, printed on one side. *Copies*: M, NY (incompl.). – See above exsiccatae no. 9.

11.710. *Mémoire sur la famille des Cucurbitacées* ... Lu à la Société de Physique et d'Histoire naturelle de Genève, le 16 Septembre 1824, ... suivi d'une Note de M.r le professeur de Candolle sur la place de la famille des Cucurbitacées dans la série des familles naturelles. Genève (chez l'auteur, ...) 1825. Qu.
Publ.: 1825, p. [i-iii], [1]-40, *pl. 1-5* (copp. engr. Heyland). *Copies*: BR, G (3, of which one with 31 p.), HH, MO, U. Reprinted and to be cited from Mém. Soc. Phys. Hist. nat. Genève 3(1): 1-31. 1825; the note by A.P. de Candolle occupies p. 33-37 (*Note sur la place de la famille des Cucurbitacées* dans la série des familles naturelles), p. 39-40 have a table of contents.
Ref.: [Schlechtendal, D.F.L. von], Linnaea 1(2): 292-294. Apr 1826 (rev.).

11.711. *Mémoire sur la famille des Mélastomacées*, ... Genève (J. Barbezat et Comp., ...) Paris (id.) 1830. Oct.
Issue 1: 1830, p. [i-iii], [1]-28, *pl. 1-4* (uncol. copp. Heyland). *Copies*: MO, NY. – Reprinted and to be cited from Mém. Soc. Phys. Hist. nat. Genève 4: [337]-364, *pl. 1-4* (id.). – Repaginated notwithstanding the note on the t.p. "Extrait du quatrième volume des Mémoires ..., dont on a conservé la pagination".
Issue 2: 1830, p. [i-iii], [337]-364, *pl. 1-4* (id.). – Reprinted and to be cited from id. (see issue 1). *Copy*: MO (pagination 337-352, 71 [for 17], 18-24, 361-364).

11.712. *Bulletin botanique* ou collection de notices originales et d'extraits des ouvrages botaniques, souvent accompagnés de gravures représentant des analyses d'organes importants de la fleur ou du fruit, etc. ... Genève (J. Barbezat et Cie, ...) Paris (id.) 1830 [-1832]. Oct. (*Bull. bot.*).
Publ.: 1830-1832, in 12 dated fascicules, fasc. 1-9 issued in Genève 1830; 10-12 in Lyon 1832, p. [i]-iv, [5]-348, *pl. 1-5*, *1*-2**, 2e année: [1]-156, [157-158], *pl. 1-2*. *Copies*: B, HH, LD, LD-UB, US, USDA.

11.713. *Essai de formules botaniques* réprésentant les caractères des plantes par des signes analytiques qui remplacent les phrases descriptives: suivi d'un vocabulaire organographique, et d'une synonymie des organes ... Paris (J. Albert Mercklein, ...) 1835. Qu. (*Essai formul. bot.*).

Co-author: Jean Claude Achille Guillard (1799-1876).
Publ.: 1835, p. [i-iii], [1]-128. *Copies*: B-S, BR, G, HH, MO, NY, U (some copies have the "5" in 1835 changed to a "6" in ink).
Ref.: Schlechtendal, D.F.L. von, Linnaea 11 (Litt.): 14-15. 1836-1838 (rev.; cited as of "1836").

11.714. *De l'hybridité dans les plantes et les animaux* ... [Société Linnéenne de Lyon 1835]. Oct.
Publ.: 1836 (read 15 Jun 1835), p. [1]-9. *Copies*: FI, HH. – Reprinted and to be cited from Ann. Soc. Linn. Lyon 1836: [1]-9.

11.715. *Notice sur le Maclure orangé*, accompagnée d'une planche, ... Lyon (Imprimerie de J.M. Barret) 1837. Oct.
Publ.: 1837, p. [i], [1]-15, *1 col. pl. Copies*: FI, G, HH. – Reprinted from Ann. Sci. phys. nat. Agric. Lyon 1835-1836: [125]-139, *1 pl.* (id.).

11.716. Première notice, sur *la multiplication des plantes bulbeuses*, et particulièrement sur celle de la crinole canaliculée (Crinum canaliculatum Roxb.), ... [Lyon 1838]. Oct.
Publ.: Mar 1838 (read 2 Feb 1838; t.p. journal dated Mars 1838), p. [31]-36, *1 pl. Copies*: FI, HH, US. – Reprinted and to be cited from Ann. Sci. phys. nat. Agric. Industrie, Lyon 1: 31-36. *1 pl.* 1838.

11.717. *Mémoire sur le fruit des Géraniacées* et sur celui de plusieurs genres de plantes appartenant à d'autres familles, ... Lyon (Imprimerie de Barret, ...) 1838. Oct.
Publ.: Jul 1838 (in journal; date on cover), p. [i], [311]-432, *2 pl. Copies*: FI, G, HH. – Reprinted and to be cited from Ann. Sci. phys. nat. Agric. Industrie, Lyon 1(3): 311-328, *2 pl.* Jul 1838.

11.718. *Description de quelques végétaux fossiles* du bassin houiller de Ternay et Communay, ... [Lyon 1838]. Oct.
Publ.: 1838 (read 27 Jul 1838), p. [353]-358, *2 pl.* (*13-14*, G. Rey del). *Copies*: FI, G, HH. – Reprinted and to be cited from Ann. Sci. phys. nat. Agric. Industrie, Lyon 1: 353-358, *2 pl.* 1838.

11.719. *Supplément aux catalogues de graines* des années précédentes, récoltées au Jardin botanique de *Lyon* en 1839, et offertes en échange. [Lyon 1839]. Qu. (*Suppl. cat. grain. Lyon*).
Publ.: 1839, p. [1]-8. *Copy*: FI.

11.720. *Résumé sur l'organisation des anthères des mousses*, des hépatiques et des characées, et de leurs animalcules polliniques ou spirilles ... [Lyon 1840]. Oct.
Publ.: Mai 1840 (in journal), p. [1]-8, *1 pl. Copies*: FI, NY. – Reprinted and to be cited from Ann. Sci. phys. nat. Agric. Industrie Lyon 3: 229-236, *1 pl.* Mai 1840.

11.721. *Descriptions et figures des céréales européennes*. Extrait des Annales de la Société Royale d'Agriculture de Lyon. Tome iv. – 1841. Oct.
Publ.: 1841, p. [1]-64, *pl. 1-3, 3*, 4-9* (uncol. copp. Heyland). *Copy*: HH. – Reprinted and to be cited from Ann. Soc. r. Agric. Lyon 4: [321]-384, *pl. 1-3, 3*, 4-9*.
Continuation 1842, p. [103]-196, *pl. 2-10. Copies*: G, NY, USDA. – Id. 5: 103-196, *pl. 2-10.* 1842.
See also *Mélanges botaniques*: 1(2), 1818; 2(6), 1831.

11.722. *Éléments de botanique*, spécialement destinés aux établissements d'éducation (avec 28 planches gravées); ... Paris (chez Hachette, ...) Lyon (Giberton et Brun, ...) 1841. Oct. (*Élém. bot.*).
Publ.: 1841, p. [i]-xii, [1]-268, [269, err.], *pl. 1-28* with text (uncol. Heyland, G. Rey). *Copies*: FI, G.
Reissue: 1845, p. [i]-xii, [1]-268, [269, err.], *pl. 1-28* (id.). *Copies*: NY, USDA.

11.723. *Flore des jardins* et des grandes cultures ou description des plantes de jardins,

d'orangeries et de grandes cultures, leur multiplication, l'époque de leur fleuraison et de leur fructification, et leur emploi, ... Paris (H. Cousin, ...) Lyon (Charles Savy jeune, ...) 1845-1849, 3 vols. Oct. (*Fl. jard.*).
1: 1845 (Soc. Agric. Lyon rd. 11 Apr 1845), p. [i]-xxxii, [1]-605, [606, err.; 607 avis], *pl. 1-11* (uncol.).
2: Apr 1847, p. [i]-xii, [1]-588, [589, err.], *pl. 1-11* (uncol.). Imprint: Lyon (Charles Savy jeune, ...) 1847.
3: 1849, p. [i]-xii, [1]-635, [636], *pl. 1-9* (uncol.). Imprint: Paris (H. Cousin, ...), Lyon (Librairie agricole ...). *Copies*: B(3), BR(1-3), G(2, 3), HH(1-3), MO(2-3), NY (1-3), USDA (1-3). – The imprint on the original cover is only: Lyon (Charles Savy jeune, ...).
Reissue: vol. 1, 1949: identical with original issue, except for title page. Lyon (Charles Savy, jeune ...), Paris (Librairie agricole de la Maison rustique) 1849. *Copies*: BR, G, MO, NY.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 4: 502. 17 jul 1846 (rev. vol. 1).

11.724. *Flore et pomone lyonnaises* ou dessins et description des fleurs et des fruits obtenues ou introduits par les horticulteurs du Département du Rhone, ... Lyon (Charles Savy, jeune, ... Etienne Duchêne, ...) 1847. Oct. (*Fl. pom. lyon.*).
Publ.: Jan-Dec 1847 (text and plates dated), p. [i-iii], 1-102, [103], *33 pl.* (32 col., 1 uncol. by Anthelme Eugène Grobon). *Copies*: GB, HH.

11.725. *Flore du pharmacien*, du droguiste et de l'herboriste ou description des plantes médicales spontanées en France disposées en familles ... Lyon (Imprimerie Dumoulin et Ronet, ...) 1851. Duod. (*Fl. pharm.*).
Lyon ed.: 1851, p [i]-cxii, [1]-3, chart, [i]-xxiv, [1]-743, [744, err.], chart. *Copy*: HH.
Paris ed.: 1852, p. [i]-cxii, [1]-3, chart, [i]-xxiv, [1]-743, [744, err.]. *Copies*: G, NY. – Paris (Victor Masson, ...) 1852. Duod.

11.726. *Description culture et taille des mûriers* leurs espèces et leurs variétés ... Paris (Victor Masson, ...) 1855. Oct. (text) and Qu. (atlas). (*Descr. mûriers*).
Text: 1855 (p. vi: Jan 1855; BSbF Mai(?) 1855), p. [i]-xi, [1]-376, *1 pl.*, chart. – Text issued as Ann. phys. nat. Agric. Industrie Lyon ser. 2. 7(2). 1855.
Atlas: 1855, p. [1]-15, [16], *pl. 1-7, 7bis, 8-23, 24/25, 26-27* (uncol. liths. Antoine & Pierre Grivolas, Anthelme Eugène Grobon, Jean Pierre Lays).
Copies: B-G, BR (text and atlas separate), G (text and pl. combined), MO (text), NY (text, atl.), USDA (text).

11.727. *Nouvelle disposition des familles végétales.* Par classes, sous-classes, ordres et sous-ordres, avec les caractères distinctifs de ces divisions, accompagnée d'un catalogue alphabétique des familles renvoyées au tableau général ... Paris (Victor Masson ...) 1856. Qu. (*Nouv. disp. fam. nat.*).
Publ.: 1856, p. [1]-10, [11-12], *pl. 1-3* (uncol. liths.) with text, chart with text. *Copies*: G, HH, MO, NY.

11.728. *Analyse des familles végétales* ... Paris (Victor Masson, ...) 1857. Oct. †. (*Anal. fam. vég.*).
Livr. 1: 1857 (all published?), cover-t.p., *4 plates* with text. *Copy*: G.

11.729. *Methode naturelle ou de Jussieu* [Lyon, s.d.]. Qu.
Publ.: Lithographed facsimile of a handwritten text, p. 1-6, *1 pl. Copy*: FI. – We have not been able to establish the date of publication. Another copy is mentioned by Jackson, p. 19.

Sériziat, Charles Victor Émile (1835-?), French naturalist at Bellac. (*Sériziat*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 20, 318; BM 4: 1903, 8: 1178; LS 24674; PH 627; TL-2: 9681; Tucker 3: 277.

BIOFILE: Sériziat, C.V.É., Études sur l'oasis de Biskra, Algérie 1868, xiv, 223 p.

11.730. *Études sur Collioure et ses environs* par le Dr Sériziat. Bellac (Imprimé par l'Auteur) 1879. Oct.
Publ.: 1879. Reprint of a botanical catalogue at NY. No further information available. See also TL-2/9681.

Sernander, [Johan] Rutger (1866-1944), Swedish botanist; Dr. phil. Uppsala 1894; lecturer in plant geography and general botany Uppsala 1899; acting professor of plant biology 1908, ordinary professor 1909; outstanding plant ecologist and quarternary botanist, founder of the Uppsala School of phytosociology. (*Sern.*).

HERBARIUM and TYPES: UPSV. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 261 (b. 2 Nov 1866); BFM 2684-2685; BJI 1: 54, 2: 163; BL 2: 534, 716; BM 4: 1903-1904, 8: 1179; Bossert p. 360; Christiansen H 112; Collander p. 483, hist. p. 48, 77, 115; GR p. 481-482, *pl.* [*39*], cat. p. 71; Hirsch p. 271; Kleppa p. 6, 8, 59, 62, 170, 234, 237, 238; KR p. 635-640 (detailed bibl.); Lenley p. 366; LS 24675-25676, 39171, suppl. 25311-25316; Moebius p. 364, 375; Nordstedt p. 29; Rehder 5: 794; SBC p. 132; SO see index p. 49-50; TL-2/5252, 8189, see A.H. Magnusson; Tucker 1: 645.

BIOFILE: Almborn, O., Bot. Not. 133: 464. 1980.
Almquist, E., Flora upsaliensis. Upsalatraktens växter 1965 (portr. and caption; idea of Flora upsal. came from Sernander).
Anon., Allg. bot. Z. 1: 112. 1895 (lecturer), 5: 204. 1899 (lecturer); Bot. Not. 1895: 36 ("docent" Uppsala), 1929: 429 (medal), 1930: 323 (J.A. Wahlberg medal), 1931: 461 (R. Sernander research fund established), 1936: 448 (membership academies). 1938: 343 (Dr. h.c. Stockholm); Generalregister Bot. Not. 1839-1938: 71, 118; Österr. bot. Z. 45: 159. 1895 (lecturer), 49: 415. 1899 (lecturer); Sv. bot. Tidskr. 10(3): 289-609. 1916 (dedication and portrait, Festschrift), 51(1) 1957 (portr.).
Fries, R.E., Sv. Linnésällsk. Årsskr. 28: 1-7. 1945 (biogr., bibl. on Linnaeus and Linnaeana, portr.); Short hist. bot. Sweden 26, 54, 70-71, 74, 75, 77, 141, 153. 1950.
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Nilsson, N.H., K. Fysiogr. Sällsk. Förh., Lund, 1946, repr. 6 p.
Osvald, H., Ber. deut. bot. Ges. 72: (33)-(42). 1959 (1960) (obit. portr., bibl.).
Post, L. v., Sv. män kvinn. 6: 633-634. 1949 (extensive biogr. details; portr.).
Sandberg, G., Sv. Vall- Mosskulturför. Kvartalsskr. 2, 1942 (3 p., repr., portr.), 4: 265-267. 1945, Upplands Fornminnesför. Årsb. Uppland 1944, p. 87-94.
Skottsberg, C., Bih. Göteb. k. Vet. Vitterh. Samh. Handl. 64: 67-75. 1945.
Verdoorn, F., ed., Chron. bot. 1: 257. 1935, 2: 8, 21, 29, 269, 273, 274. 1936, 3: 25, 238, 239, 240. 1937, 4: 562. 1938, 5: 133, 134, 135. 1939, 6: 305. 1941, 7: 143. 1943; Mann. bryol. 317, 324, 329. 1932; Man. pteridol. 394. 1938.
Wittrock, V.B., Acta Horti Berg. 3(2): 70. 1903, 3(3): 52, pl. 106. 1905 (portr.).

COMPOSITE WORKS: (1) *Sveriges växtvärld i forntid och nutid, in* J.F. Nyström, ed., Sveriges rike 1(2): col. 1-108. 1899-1900, see KR p. 636, no. 26.
(2) With N. Svedelius and C.O. Norén editor of *Botaniska studier.* Tillägnade F.R. Kjellman den 4 November 1906, Uppsala 1906, 287 p., *9 pl.*, 1 portr., map (18 papers by various authors honoring F.R. Kjellman on his 60th birthday), paper no. 14 by Sernander. *Ueber postflorale Nektarien.*
(3) With E.J.L. von Post, *Pfl.-physiogn. Stud. Torfm.* 1910, see TL-2/8189.

FESTSCHRIFT: Sv. bot. Tidskr. 10(3-4), 1916; Meddelander från Gotlands Nations Kamratförening Uppsala. "Till Rutger Sernander" 2 Nov 1941, 22 p.

11.731. *Studier öfver den gotländska vegetationens utvecklingshistoria* Akademisk afhandling som

med tillstånd af vidtberömda filosofiska fakultetens i Upsala matematisk-naturvetenskapliga sektion för filosofiska gradens erhållande till offentlig granskning framställes af Rutger Sernander ... å lärosalen n:o ix onsdagen den 12 December 1894. p.v.t.f.m. Upsala (Upsala Nya Tidnings Aktie-Bolags Tr.) 1894. Oct. (*Stud. Gotl. veg. utv.-hist.*).
Publ.: 2-3 weeks before 12 Dec 1894 (date of defense thesis), p. [1]-112. *Copies*: G, USDA.

11.732. Sommarkurserna i Uppsala 1895. Grundlinjer till föreläsningar. Rutger Sernander *den skandinaviska växtvärldens utvecklingshistoria*. Uppsala (Almqvist & Wiksells Boktryckeri-Aktiebolag) 1895. Oct. (*Skand. växtv. utv.-hist.*).
Publ.: 1895, p. [1]-22. *Copy*: B, LD.

11.733. *Våra torfmossar*. Deras sammansättning och utvecklingshistoria samt deras betydelse för kännedomen om Nordens fornvärld. Stockholm (Albert Bonniers Förlag) 1897. Oct. (*Våra torfmoss.*).
Ed. 1: 1897 (Hedwigia Mar-Apr 1897; Bot. Centralbl. 31 Mar 1897), p. [1]-32. *Copies*: GB, LD. – Studentföreningen Verdandis småskrifter 64.
Ed. 2: 1905, p. [1]-39. *Copies*: H, LD. – Andra genomsedda upplagan.
Ed 3: 1916, p. [1]-42. *Copies*: GB, LD, USDA. – Tredje omarbetade upplagan.
Note: Våra torfmossar: our peatbogs; deals with the composition and development of peat bogs (Torfmossor = peat mosses).

11.734. *Studier öfver vegetationen* i mellersta Skandinaviens fjälltrakter 2. Fjällväxter i barrskogsregionen .. Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1899. Oct. (*Stud. Veg.*).
Publ.: 1899 (Nat. Nov. Jun(1) 1899), p. [1]-56. *Copies*: LD, NY, U; IDC 7670 (f. 442-443). – Bih. k. Sv. Vet.-Akad. Handl. 24(3) no. 11.

11.735. *Studier öfver de sydnerikiska barrskogarnes utvecklingshistoria* ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1900. Oct. (*Stud. sydnerik. barrskog. utv.-hist.*).
Publ.: 1900, p. [1]-47. *Copies*: NY, U; IDC 7670 (f. 471). – Bih. k. Sv. Vet.-Akad. Handl. 25(3), no. 10.

11.736. *Den skandinaviska vegetationens spridningsbiologi*. Zur Verbreitungsbiologie der skandinavischen Pflanzenwelt. Mit einem deutschen Résumé ... In Kommission bei Berlin (R. Friedländer & Sohn), Upsala (Lundequistska Bokhandeln) [1901]. Oct. (*Skand. veg. spridn.-biol.*).
Publ.: Mar 1901 (p. [ii] and cover p. [4]; Österr. bot. Z. for Mar 1901; NY rd Aug 1901; Nat. Nov. Mar(1) 1901), p. [i]-iv, [1]-459. *Copies*: B-S, BR, G, LD, MO, U, US, USDA.
Ref.: Grevillius, A.Y., Bot. Centralbl. 88: 380-387. 23 Dec 1901 (rev.).

11.737. *Entwurf einer Monographie der europäischen Myrmekochoren* ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1906. Qu. (*Monogr. eur. Myrmekoch.*).
Publ.: Nov-Dec 1906 (p. 410: printed 31 Oct 1906; Nat. Nov. Jan(1) 1907), p. [i-iv], [1]-410, *pl. 1-11*. *Copies*: BR, G, HH, LD, MO, NY, U, USDA; IDC 542 (f. D166-180). Issued as K. Sv. Vet.-Akad. Handl. 41(7). 1906.
Ref.: Küster, E., Bot. Zeit. 65: 107-108. 16 Mar 1970 (rev.).
Ulbrich, E., Bot. Jahrb. 40 (Lit.): 33-34. 2 Aug 1907 (rev.).

11.738. *Die schwedischen Torfmoore* als Zeugen postglazialer Klimaschwankungen. Sonderdruck aus "Postglaziale Klimaveränderungen". Stockholm [Centraltryckeriet] 1910. Qu.
Publ.: 1910, cover-t.p., p. [195]-246, *pl. 1*. *Copy*: LD. – We have seen no reprint with p. 1-52 as quoted by Krok p. 638, no. 60 (O. Almborn).

11.739. *Studier öfver lafvarnes biologi*. I. Nitrofila lafvar. Separattryck ur Svensk botanisk Tidskrift 1912. Bd. 6, h. 3. Oct.
Publ.: 1912, cover-t.p., p. [803]-883, *pl. 29-30*. *Copy*: G, LD. – Reprinted and to be cited

from Sv. bot. Tidskr. 6(3): 803-883, *pl. 29-30.* 1912. – Also in Bot. Stud. tillägn. Th.M. Fries with same pagination (KR).

11.740. Vierte Internationale Pflanzengeographische Exkursion (I.P.E.): durch Skandinavien Juli-August 1925. *Der Kalktuff bei Fillsta* in Jämtland ... Uppsala [1925]. Oct. (*Kalktuff Fillsta*).
Publ.: Jul 1925, p. [1]-10. *Copies*: LD, NY.

11.741. Vierte Internationale Pflanzengeographische Exkursion (I.P.E.): Durch Skandinavien Juli-August 1925. *Exkursionsführer für Skåne* ... Uppsala [1925]. Oct. (*Exkurs.-Führ. Skåne*).
Publ.: Jul 1925, p. [1]-16, chart. *Copies*: LD, M, NY.

11.742. *Zur Morphologie und Biologie der Diasporen* ... Uppsala (Almqvist & Wiksells Boktryckeri-A.-B.) 1927. Qu. (*Morph. Biol. Diasp.*).
Publ.: 1927, p. [1]-104. *Copies*: FI, LD. – Issued as extra volume for 1927 of Nova Acta Reg. Soc. Sci. Upsal. (gold medal k. Physiogr. Sällsk. Lund, awarded to this publ.).

11.743. *Granskär och Fiby urskog* En studie över stormluckornas och marbuskarnas betydelse i den svenska granskogens regeneration ... Uppsala (Almqvist & Wiksells boktryckeri.-A.-B.) 1936. Oct. (*Gransk. Fiby ursk.*).
Publ.: 16 Nov-31 Dec 1936 (p. 233: 16 Nov 1936), p. [1]-232, [233, err., date]. *Copies*: LD, MO. – Issued as Acta Phytographia suecica 8, 1936.

11.744. *Gotlands kvarlevande myrar och träsk* ... Stockholm (Almqvist & Wiksells Boktryckeri-A.-B.) 1941. Oct.
Publ.: shortly after 26 Sep 1941 (date of printing), p. [1]-202. *Copies*: LD, U. – Issued as K. Sv. Vet.-Akad. Avh. Naturskyddsär. 3, 1941.

Serres, Jean Jacques (1790-1858), French botanist and soldier; with the Napoleonic Army in the Russian campaign; in charge of a gun factory at Toulouse, ultimately in retirement at Roche-des-Arnauds, nr Gap, France, dedicating himself entirely to botany. (*J. Serres*).

HERBARIUM and TYPES: Unknown; the herbarium (7000 sp.) was bought by the seminary of Embrun (Bull. Soc. bot. France 5: 400. 1858, 6: 384. 1859).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 261 (b. 24 Apr 1790, d. 16 Aug 1858); BM 4: 1904; PR 8628-8629, ed. 1: 9589; Rehder 1: 409.

BIOFILE: Allemand, F., Dict. biogr. Hautes-Alpes 430-431. 1911 (as Jean-Joseph).
Anon., Bull. Soc. bot. France 6: viii. 1859 (d.); Table art. originaux 1854-1893 Bull. Soc. bot. France 219.

11.745. *Flore abrégée de Toulouse*, ou catalogue méthodique des végétaux phanérogames qui croissent naturellement aux environs de cette ville. iediquant [sic] les stations et les époques de fleuraison de chaque plante; suivi d'une clef analytique des genres et des espèces et d'un dictionnaire des termes, par le capitaine J.-J. Serres ... Toulouse (imprimerie de J.M. Corne, ...) 1836. Oct. (*Fl. abr. Toulouse*).
Publ.: 1836, (p. viii: 1 Mar 1836), p. [i]-viii, [1]-237, [238]. *Copies*: B, G, HH, NY.

Serres, [Pierre] Marcel [Toussaint] de (1780/1783-1862), French naturalist; professor of mineralogy and geology at the University of Montpellier 1809-1814; "conseiller auditeur" at the "Cours royale" ib., "conseiller titulaire". 1819-1852. (*M. Serres*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1904; CSP 5: 651-658 (bibl.): 8: 937; De Toni 2: cvii; DSB 12: 317-318; Quenstedt p. 396 (b. 3 Nov 1783, d. 22 Jul 1862); Rehder 1: 79.

BIOFILE: Anon., Actes Soc. Linn. Bordeaux 25: necrol. 1864 (d. 22 Jul 1862); Cat. gén. livr. impr. Bibl. natl. 171: 111-117. 1947; Grand larousse encycl. 9: 773. 1964.
Breure, A.S.H. & J.G. de Bruijn, eds., Leven werk J.G.S. v. Breda 21, 417. 1979.
Gervais, P., Mem. Sect. Sci. Acad. Sci. Montpellier 5: 303-308. 1862 (obit., b. 3 Nov 1780, d. 22 Jul 1862).
Glass, B. et al., Forerunners of Darwin 440n. 1968.
Griffin, F.J., J. Soc. Bibl. nat. Hist. 5(2): 183. 1842 (note on his Causes migrations animaux).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 908-909. 1863 (bibl.; b. 3 Nov 1783).
Quérard, J.M., La France littéraire 9: 81-82. s.d.
R.l.n. [Rumelin], *in* J.F. Michaud, Biogr. univ. 39: 128-131. post 1853 (biogr., bibl.).
Schwippel, K., Gaea 27: 422-423. 1891.
Zittel, K.A. von, Hist. geol. palaeont. 205, 426. 1901.

EPONYMY: *Serresia* Montrouzier (1860).

11.746. *Mémoire sur la distribution primitive des végétaux et des animaux à la surface du globe* [Strasburg 1853]. Qu.
Publ.: 1853, p. [1]-38. *Copy*: MO. – Reprinted from Mém. Soc. Sci. Nancy, 4(2). 1853.

Serrurier, Lindor (1846-1901), Dutch sinologist; Dr. jur. Leiden 1877; curator of the Leiden Japanese Museum (later Ethnographic Museum) 1877; from 1881-1896 director; high school teacher of geography and ethnography in Batavia 1896-1901. (*Serrurier*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1904.

BIOFILE: Hubrecht, A.A.W., De Gids 65: 539-547. 1901 (obit.).
Juynboll, *in* P.C. Molhuysen & P.J. Blok, eds., Nieuw Ned. biogr. Woordenb. 1: 1468. 1911 (further biogr. refs.).
Pulle, A.A., Bull. 49. Mij. B.N.O.N.K., Leiden 1940, p. 25-27 (biogr. sketch; b. 21 Dec 1846, d. 7 Jul 1901).

11.747. *De Pionier.* Handleiding voor het verzamelen en waarnemen op natuurkundig gebied, inzonderheid in tropische gewesten, ... Leiden (De Breuk & Smits) 1891. Oct. (*Pionier*).
Ed. 1: 1891, p. [i-iv], [1]-178, [179, err.]. *Copy*: U-UB. Botany on p. 98-107.
Ed. 2: 1906, p. [i-iv], [1]-188. *Copy*: WAG. – Botany, by J.P. Lotsy & A.A. Pulle on p. 103-125.

Servais, Gaspard Joseph de (1735-1807), Belgian (Austrian Netherlands) botanist, arboriculturist and bibliographer at Mechelen. (*Servais*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 261 (b. 13 Jul 1735, d. 21 Mar 1807); JW 4: 407; PR 8631, ed. 1: 9593; Rehder 3: 75, 4: 84; Tucker 1: 646.

BIOFILE: Micheels, H., Biogr. natl., Belgique 22: 300-302. 1920.

11.748. *Korte verhandeling van de boomen*, heesters en houtagtige kruid-gewassen, welke in de Nederlandsche lugtstreek de winterkoude konnen uitstaan, en dienen tot beplanting van lust-hoven, laanen, haagen, wild- en wandel-bosschen; enz. Opgesteld na de letter-order der latijnsche naamen, aanwyzende wat klas en rang zij hebben in het samenstel der planten van den heer en ridder Linnaeus; waar bij overal de natuurlijke groei-plaats, aankwekinge, de hoedanige grond, stand-plaats, de bekwaame afstand waar op zij moeten geplant worden en het huishoudelijk gebruik der zelve, beknopt en klaarlijk is aengetoond. Met een afbeelding van de kenteekens der klassen. Tot Mechelen (by Petrus-Josephus Hanicq, Boekdrukker) 1789. Oct. (*Korte verh. boom.*).

Orig. ed.: 1789, p. [i]-xii, [1]-236, [237], chart. *Copy*: HH.
Other issue: 1790, p. [i]-xii, [1]-236, [237], chart. *Copies*: BR, USDA. – "... beknopt en klaarlijk is aangetoond ..." Tot Mechelen (...) 1790. Oct.

Servettaz, Camille (1870-1947), Swiss botanist; Dr. Sci. Paris 1909; high school teacher at Thonon. (*Servett.*).

HERBARIUM and TYPES: Unknown. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 261; Hortus 3: 1204; MW p. 445; Tucker 1: 646; Zander ed. 10, p. 716, ed. 11, p. 817.

11.749. Thèses présentées à la Faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles ... 1re thèse. – *Monographie des Éléagnacées*. 2e thèse. – Propositions données par la Faculté. Soutenues le [in mss. 21] juin 1909 devant la commission d'examen ... Dresde [Dresden] (C. Heinrich, Imprimeur-Éditeur) 1909. Oct. (*Monogr. Éléagnac.*).
Thesis ed.: on or around 21 Jun 1909 (t.p.), p. [i]-viii, 1-421. *Copies*: NY, U. – p. 421 has date of approval 19 Apr 1909.
Commercial ed.: 1909, p. [i]-viii, [1]-420, err. slip. *Copies*: B, G, HH. – "Monographie des Éléagnacées (systématique, anatomie et biologie) ..." Dresde [Dresden] (C. Heinrich, ...) 1909. – HH copy has an imprint without indication "Dresde".
Other issue: 1909, p. [3]-229, 231 [première partie systématique], chart. *Copies*: BR, G. – Thonon-les-Bains. (Imprimerie A. Dubouloz) 1909.
Journal issue: Beih. Bot. Centralbl. 25(2): 1-420. 1909.
Preliminary publ.: *Note préliminaire sur la systématique des Élaeagnacées*. Bull. Herb. Boissier ser. 2. 8: 381-394 (also [1]-14]. 31 Mai 1908.
Ref.: Vidal, L., Bull. Soc. bot. France 57: 477-478. 1910 (rev.).

Servít, Miroslav (1886-1959), Moravian botanist (lichenologist); studied at the Charles University and Agricultural College Praha; assistant at the Agricultural College of Tabor 1910-1914; Dr. phil. 1915; from 1920 professor, from 1923 director of the state agricultural experimental station and college at Hořice, from 1936 id. at the Agricultural college, Königgrätz (Hradec Kralové); retired 1943 but from 1945-1950 director of the Agricultural college at Kaaden (Kadaň); in retirement at Bettlern nr Klösterle (Klašterce nad Ohře). (*Servít*).

HERBARIUM and TYPES: PRM; other material at BP, BRNM, BRNU, M, PRC, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 261 (b. 17 Dec 1886); Biol.-Dokum. 16: 8630; Bossert p. 360; Futak-Domin p. 521; GR p. 666-667, *pl.* [*25*], cat. p. 71; Hawksworth p. 186; Hirsch p. 271; IH 1 (ed. 6): 364, (ed. 7): 342; Kelly p. 211; Klásterský p. 163 (d. 6 Apr 1959); LS 39174-39176, suppl. 25318-25323; Roon p. 102; SBC p. 132.

BIOFILE: Anon., Preslia 31: 431. 1959 (d.), 48: 272. 1976 (d. 6 Apr 1959); Rev. bryol. lichénol. 8: 237. 1935, 10: 113. 1937, 18: 198. 1949, 19: 257, 258. 1950, 20: 242. 1951, 23: 239. 1954, 24: 181, 407. 1955, 25: 406. 1956 (rev. and notes on his publ.), 28(3-4): 410. 1959 (obit. not.), 30: 164. 1961 (d.).
Černohorský, Z., Preslia 29: 96-99. 1957 (portr., tribute 70th birthday, bibl. 75 nos.).
Gyelnik, V.K., Ann. hist.-nat. Mus. natl. Hung., Bot. 31: 57. 1938 (herb. still private).
Klement, O., Nova Hedwigia 1: 289-295. 1960 (obit., portr., bibl.).
Laundon, J.R., Lichenologist 11(1): 17. 1979.
Pax, F., Bibl. schles. Bot. 15. 1929.
Schmid, B. & C. Thesing, Biol.-Kalend. 1: 315. 1914.
Smejkal, M., Vlastiv. Sborn., Vysoč. 2: 18. 1958.
Srb, V., Acta Mus. reginaehradec. ser. A. 1(2): 112-122. 1960 (biogr., based on autobiogr.; bibl.).
Verdoorn, F., ed., Chron. bot. 5: 36-37. 1939.

NOTE: Main work outside our period: *Lichenes Familiae Verrucariacearum*, Praha publ. 8 Sep 1954, p. [1]-249, [250], *pl. 1-7*. *Copy*: Almborn.

11.750. *Zur Flechtenflora Böhmens and Mährens*. Dresden 1910. Oct.
Publ.: 2 Aug 1910. *Copy*: Almborn. – Reprinted and to be cited from Hedwigia 50: 51-85. 1910 ("1911").

11.751. *První příspěvek k lichenologii Moravy* ... v Brně (tiskem Antonína Odehnala ...) 1910.
Publ.: 1910, p. [1]-83. *Copies*: Almborn, B, UPS. – A first contribution to the lichenology of Moravia. – Issued Zprávy Kommisse pro přírodovědecké prozkoumáni Moravy, Odd. bot. čis. 6.

11.752. *Zur Flechtenflora des Südbanats* ... Sonder-Abdruck aus "Verhandlungen ... Hermannstadt" ... 1929. Oct.
Publ.: 1929, p. [1]-10. *Copies*: Almborn, B. – Reprinted and to be cited from Verh. Mitt. Siebenb. Ver. Naturw. Hermannstadt 79: 1-10. 1929 (fide Klement 1959).

11.753. *Flechten aus der Čechoslovakei* ... v Praze (Nákladem vlastním. Tiskem Dra Eduarda Grégra ...) 1930. Oct.
[*1*]: 1930, cover-t.p., p. [1]-50. *Copies*: Almborn, B. – Reprinted and to be cited from Věstn. Kral. Čes. Spol. Nauk. 2(1929) (13): 1-50. 1930.
2: 1931, with J. Nádvorník, ib. 2(1931) (12): 1-42. 1932.
3: 1933, with O. Klement, ib. 2(1932)(13): 1-37. 1933.
4: 1934, with Z. Černohorský, cover-t.p., p. [1]-34. *Copies*: Almborn, B. – Reprinted and to be cited from ib. 2(1934)(4): 1-34. 1934.
5: 1935, with J. Nádvorník, ib. 2: 1-24. 1935. *Copy*: Almborn.

11.754. *Bearbeitung der* von Dr. [Fr.] Zimmermann und Erw. Zimmermann *im ostserbischen Rtanj-Gebirge gesammelten Flechten* ... Sonderabdruck aus den ... Verhandlungen des Naturforschenden Vereines in Brünn, 66. J. 1935. Oct.
Publ.: 1935, cover-t.p., p. [73]-86. *Copy*: B. – Reprinted and to be cited from Verh. naturf. Ver. Brünn 66: [73]-86. 1935.

Sesler, Lionardo (x-1785), Venetian physician and naturalist and director of a botanical garden at Santa Maria di Sala. (*Sesl.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 310; Backer p. 529-530; Barnhart 3: 261; BM 4: 1905; Bossert p. 361; Dryander 3: 245; DTS 1: 281; Frank 3 (Anh.): 96; Hegi 1: 265; Herder p. 317; Hortus 3: 1204; PR 2370, ed. 1: 2681; RS p. 142; Saccardo 1: 153; TL-2/1500; Zander ed. 10, p. 716, ed. 11, p. 817.

BIOFILE: Dandy, J.E., Regn. veg. 51: 19. 1967 (standing of his publication in V. Donati's *Essai*).
Fries, T.M., Bref Skrifv. Linné 1(3): 67. 1909.
Hulth, J.M., Bref Skrifv. Linné 2(1): 90, 91. 1916.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 660. 1985.

COMPOSITE WORKS: See Vitaliano Donati, Stor. nat. Adriat. 1750, TL-2/1500, for Sesler's letter on *Vitaliana* and its standing in nomenclature (the French edition of 1758 counts).

EPONYMY: *Sesleria* Scopoli (1760); *Sesleriella* Deyl (1946).

Sessé y Lacasta, Martin de (1751-1808), Spanish physician and botanist; practiced in Madrid 1775-1776; army doctor in Spain and Cuba; to Mexico City 1785; director of the Royal botanical expedition to New Spain and director of the Royal botanical garden in Mexico 1787; devoting himself only to botany from 1789; in the field in

Western Mexico 1789-1792; to the Atlantic slope of Mexico 1793, to Cuba and Puerto Rico 1795-1798; returned to Madrid in 1803. (*Sessé*).

HERBARIUM and TYPES: The original Sessé and Mociño herbarium is at MA (8000). Duplicates are in several herbaria (BM, F, FI, G, G-DC, K, MO, NY, OXF, US). In addition to the herbarium, Sessé and Mociño brought together a large collection of coloured plates (now at HU) drawn from living specimens in Mexico and Puerto Rico (artists Atanasio Echeverria and Juan Cerda). These drawings were obtained on loan by A.P. de Candolle, who had them copied before returning them to Mociño (IDC 713). De Candolle based 279 species and 17 new genera on them. These sets of "outlines" were distributed by Alph. de Candolle to B, BR, C, FI, GH, K, L, LE, P, US, W. – See TL-2/977. For the original drawings see below (Manuscripts).

MANUSCRIPTS: Botanical manuscripts mainly at MA (see Divito 1968); other manuscript material relative to the Royal botanical expedition is in the Mexican national archives. See R. McVaugh (*in* DSB and other publications listed below) for a summary of the material, and see H.W. Rickett 1947 for an account of the Expedition and its participants. The original collection of botanical and zoological illustrations mentioned above were acquired by the Hunt Institute for Botanical Documentation (HU) in 1981, see e.g. R.W. Kiger (1981); about 100 original illustrations are at MA. – Some *letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 657; Barnhart 3: 261; Blunt p. 303; BM 4: 1905, 8: 1179; Clokie p. 242; Colmeiro penins. p. 64, 184-185, 379-381; DSB 12: 326-328 (extensive inf. by R. McVaugh; b. 11 Dec 1751; d. 4 Oct 1808); Hortus 3: 1204 (d. 1809); IF 730, suppl. 2: 338; IH 1 (ed. 2): 51, 92, (ed. 3): 62, 117, (ed. 6): 364, (ed. 7): 342, 2: (files); Langman p. 513, 695 (see also subject index); Lasègue p. 205-206, 304, 322, 348, 504; NI 1: 159, 3: 7; PR alph.; Rehder 1: 332; TL-1/1224-1225; TL-2/977, see J.M. Mociño, J.A. Pavon); Tucker 1: 646; Zander ed. 10, p. 716, ed. 11, p. 817.

BIOFILE: Alvarez Lopez, E., Anal. Inst. bot. Cavanilles 10(2): 1-79. 1951, 11: 39-341. 1952; Bol. R. Soc. Esp. Hist. nat. 48: 259-274. 1950 (on botanical results of the earlier part of the Expedition).

Anon., Encicl. univ. ilustr. eur.-amer. 55: 697. 1927.

Barkley, F.A., Biologist 1946: 9-23. (the Anacardiaceae of S. and M.).

Arias Divito, J.C., Las expediciones cientificas españoles durante el siglo xviii. Expedición botanica de Nueva España. Madrid 1968, 427 p., plus reproduction of Ms. 146, Arch. Minist. Asunt. ext. (very detailed description of the Expedición, with reproduction of several mss. texts).

Candolle, Alph. de, Calques des dessins de la flore du Mexique, de Mociño et Sessé qui ont servi de types d'espèces dans le système ou le Prodromus, Genève 1874, 6 p., 297 tracings (see TL-2/977); Phytographie 434. 1880 (coll.).

Candolle, A.P. de, Mém. souvenirs 219-221, 288-291. 1862 (story copying paintings).

Coats, A.M., The plant hunters 335-337, 340, 341. 1969.

Engstrand, I.H.W., Spanish scientists in the New World, the eighteenth-century expeditions 1981, 220 p.

Hemsley, W.B., Biol. Centr. Amer., Bot. 4: 120-121. 1887.

Kiger, R.W., Syst. bot. 6(2): 189-190. 1981, Newsletter Soc. Bibl. nat. Hist. 11: 6-8. 1981; Taxon 30: 726-727. 1981 (acquisition original drawings Royal botanical expedition to New Spain); Bull. Hunt Inst. Bot. Docum. 3(1): 1-2. 1981 (id.).

Lowden, R.M., Taxon, Index pers. names vols. 1-30. 660. 1985.

McVaugh, R., Musées de Genève 42: 11-15. 1964; Bol. Soc. bot. Mexico 30: 137-142. 1969 (itin., coll.); Contr. Univ. Mich. Herb. 9: 305-310. 1972 (exploration Nueva Galicia), 11: 97-195 (summary excursions and travels), 14: 99-140 (*Icones*) 1977; Taxon 31: 691-692. 1982(acquisition of 2000 watercolor paintings of the Spanish Exp. to New Spain).

Manitz, H., Wiss. Z. Fr. Schiller Univ. Jena, Mat. Nat. 31(2): 262-265. 1982 (publication dates Fl. mexic.).

Maxon, W.R. & C.V. Morton, Amer. Fern. J. 45: 151-156. 1955 (the ferns described by Sessé and Mociño).

Miller, H.S., Taxon 19: 541-542, 549. 1970 (sale Sessé lots in Lambert herb.).

Napton, J., Cact. Succ. J., Amer. 38: 220-223. 1966 (on Sessé and Echeveria).
Ramírez, J., El Estudio, Mexico 4(7): 220-227. 1892 (n.v.) text also included in *Pl. Nov. Hisp.* ed. 2, 1893; Anal. Inst. med. nac., Mexico 4: 24-32. 1899 (on mss.).
Rickett, H.W., The Royal botanical expedition to New Spain. 1947, 86 p. (Chron. bot. 11(1)).
Smith, H.M., Lloydia 5: 95-96. 1942 (publ. dates La Naturaleza; gives year dates *Pl. nov. Hisp.* and *Fl. mexic.*).
Sprague, T.A., Bull. misc. Inf. Kew 1926: 417-425 (on the *Pl. nov. hisp.* and *Fl. mexic.*; localities).
Steele, A.R., Flowers for the king 221, 247, 295, 325. 1964.
Urban, I., Symb. ant. 3: 87-88, 125-126. 1902, 4: 665-666. 1911, 5: 11-12. 1904.
Verdoorn, F., ed., Chron. bot. 3: 201, 202, 234, 282. 1937.
Wilson, J.H., Scientific aspects of Spanish exploration in New Spain during the late eightteenth century, x, 330 p., Thesis, Univ. S. Calif. 1962.

REVIEW OF BOTANICAL RESULTS EXPEDITION: see R. McVaugh, *Botanical results of the Sessé & Mociño expedition (1787-1803)*, i. *Summary of excursions and travels, in* Contr. Univ. Mich. Herb. 11(3): 97-195. 1977, ii. *The Icones Florae Mexicanae, in* id. 14: 99-140. 1980. – For a general discussion of the scientific aspects see J.H. Wilson (1962); for a description of the botanical aspects of the expedition see H.W. Rickett (1947).

HANDWRITING: Candollea 33: 385-386. 1978.

EPONYMY: *Sessea* Ruiz et Pavon (1794); *Sesseopsis* Hassler (1917).

11.755. *Plantae Nouae* [*sic*] *Hispaniae.* Nutu, ope et auspicio benignissimi regis Caroli iv, adùc usque collectae, et Linneano systemate ordinate, quarum tercentae aut plures a nemine unquam editae videntur et rariores iconibus ad vivum repraesentantur. Auctoribus Martino Sesse et Josepho Mariano Moçiño. Mexici [Mexico] (apud Ignatium Escalante ...) 1887 [-1890]. Qu. (*Pl. nov. Hisp.*).
Co-author: José Mariano Moçiño (1757-1820), see TL-2/3: 529-530.
Publ.: 1887-1890 in 9 parts as appendices to La Naturaleza, ser. 2, vol. 1, p. [i*-viii*], [i]-xiii, [1]-184. *Copies*: FI, HH, MO, USDA; IDC 6121.
1: 1-16. 1887.
2: 17-40. 1888.
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[p. i*-viii* were probably publ. 1887].
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Co-author: José Mariano Mociño (1757-1820), see TL-2/3: 529-530.
Publ.: in 10 parts which appeared as supplements to the issues of "La Naturaleza". The precise dates have not yet been established but Manitz (1982) mentions the existence

of a copy of the journal with original covers which make it possible to list precise contents and year-dates. Furthermore the dates of receipt of the Hefte by the University of Halle are listed:

Naturaleza cuad. no.	part	signatures	pages	dates on cover	dates of receipt at Halle
1	1	1-2	i-xi, 1-4	1891	24 Mar 1892
2	2	3	5-8	1892	27 Oct 1892
3/4	-	-	-	1892	1 Feb 1894
5	3	2[sic]-3	9-24	1893	13 Mar 1893
6	4	4-6	25-48	1893	13 Mar 1895
7	5	7-11	49-88	1894	13 Mar 1895
8	6	12-17	89-136	1894	30 Jul 1896
9	7	18-23	137-184	1895	30 Jul 1896
10	8	24-29	185-232	1896	21 Apr 1896
11	9	30-[34]	233-263], i-viii	1896	21 Apr 1896
12	10	35	ix-xvi	1897	25 Nov 1898

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Setchell, William Albert (1864-1943), American botanist (algologist), plant geographer and botanical historian; student of D.C. Eaton and W.G. Farlow; Morgan Fellow, Harvard 1887-1890; Dr. phil. Harvard 1890; assistant at Yale University 1891-1895; professor of botany at the University of California, Berkeley from 1895-1934; travelled widely: Santa Cruz Mts. Calif. 1896; Alaska and Bering Sea 1899, around the world 1903-1904, 1926-1927; Tutuila, Samoa 1920; Tahiti 1922; Hawaii 1924; Java 1929; Alaska 1931, 1932. (*Setch.*).

HERBARIUM and TYPES: UC. – Correspondence and field notes also at UC. – Setchell built up the outstanding algological herbarium and library at UC in close cooperation with N.L. Gardner. – Other material (excl. of exsicc.): BISH, BM, C, E, F, G, GH, H, K, L, M (lich.), MEL, MIN, US, YU.

Exsiccatae: with Frank Shipley Collins (1848-1920) and Isaac Holden (1832-1903), *Phycotheca boreali-americana*, a collection of dried specimens of the algae of North America, fasc. 1-46, nos. 1-2300 (in all 200.000 specimens), fasc. A-E, nos. 1-125. Malden Mass. 1895-1919. See Sayre (1969) for details, especially exact dates. An index (mimeographed) was published by Fahey & Doty, "An Alphabetical index to the Phycotheca boreali-americana", in 1955. – 80 copies issued. Sets at BM, DBN, FH, GB, M, MANCH, MICH, MSC, NY, PC. Contributed also to V. Wittrock and O. Nordstedt, *Algae aquae dulcis exsiccatae*. – *Letters* (198 cards etc.) to W.G. Farlow at FH; other letters at G.

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HERBARIUM and TYPES: L, P.

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BIOFILE: Maire, R., Progr. Conn. bot. Algérie 178. 1931 (Alg. lichens studied by Bouly de Lesdain).
Merrill, E.D., Contr. U.S. natl. Herb. 30(1): 274. 1947 (bibl. Pacific Isl.).

EPONYMY: *Seuratia* Patouillard (1904); *Seuratiopsis* H.H. Woronichin (1934).

11.815. *Vocabulaire des termes d'histoire naturelle* (animaux et plantes) dans les dialectes tahitien, tuamotu, mangarévien et marquisien. [Chalon-s.-Saône (Imprimerie Française et Orientale, ...)] s.d.
Publ.: p. [1]-28. *Copy*: USDA.

Severini, Giuseppe (1878-1918), Italian mycologist and phytopathologist; studied agricultural sciences at the Regio Istituto superiore, Perugia; Laur. sci. 1902; botanical assistant ib. 1902-1906; at the University of Roma 1906-1908; Dr. phil. 1908; again at Perugia as botanical assistant 1908-1914; on active service 1914-1918. (*Severini*).

HERBARIUM and TYPES: PAD, PERU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 262 (b. 17 Jun 1898, d. 17 Apr 1918); LS 39181-39186, 41726.

BIOFILE: Pantanelli, E., Ann. Bot., Roma 15(1): 53-56. 1920 (obit., portr., bibl.).

Seward, Albert Charles (1863-1941), British paleobotanist; lecturer (later fellow) St. John's College Cambridge 1890; professor of botany Cambridge 1906-1936; also Master of Downing College 1915-1936; FRS 1898; knighted 1936; after retirement working in London (Brit. Mus. Nat. Hist.) and Oxford. (*Seward*).

HERBARIUM and TYPES: Seward "collected very little until late in his life" (T.M. Harris). The collections studied by Seward are mostly at Cambridge (palaeobot.); some material from West Greenland at CGE. – Archival mat. see Bridson (1980). – *Letters* to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 331-332; Barnhart 3: 262 (b. 9 Oct 1863, d. 11 Apr 1941); BJI 2: 163; BM 4: 1906-1907, 8: 1180; Bossert p. 361; CSP 18: 707-708; Desmond p. 550-551; De Toni 4: liii; DNB 1941-1950: 771-773; DSB 12: 339-340 (T.M. Harris); Hirsch p. 272; Lenley p. 366; Moebius p. 382; MW p. 445; NW p. 57; PH 239; Rehder 2: 8; TL-2/see 7583, M.A. Pocock, A.C. Seward; Tucker 1: 646, 3: 277.

BIOFILE: Andrews, H.N., The fossil hunters 110-114. 1980 (portr.).
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Monatschr. 16: 155. 1898 (FRS); Brit. Mus. gen. cat. print. books 219: 688-691. 1964; Hedwigia 46: (144). 1907 (prof. bot. Cambr.), 76: (141). 1936 (retirement; knighted). J. Bot. 79: 48. 1941 (d.); Nat. Nov. 28: 627. 1906, 29: 205. 1907 (prof. bot. Cambr.); Nature 58: 34. 1898, 142: 386-387; North Western Naturalist 16: 209-210, *pl. 23.* 1941 (obit., portr.); Pharmac. J. 1941: 186 (d.); Who's who, London 1897-1930; Who was who 1941-1950: 1040.
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Verdoorn, F., ed., Chron. bot. 1: 28, 32, 40, 71, 157, 160, 172, 188, 257. 1935, 2: 28, 33, 36, 43, 146, 177, 193, 197, 198, 249, 330. 1936, 3: 156, 165, 169, 186, 358, 390. 1937, 4: 69, 85, 97, 184, 428, 454, 562. 1938, 5: 81, 360, 433. 1939, 6: 20, 305, 427. 1941, 7: 40, 41, 343. 1943; Man. pteridol. 639 [index]. 1938.
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Wulff, E., Intr. hist. pl. geogr. 24, 163, 199, 201. 1943.
Zittel, K.A. von, Gesch. Geol. Paläont. 789. 1899.

COMPOSITE WORKS: (1) Editor *Darwin and modern science* essays in commemoration of the centenary of the birth of Charles Darwin and of the fiftieth anniversary of the publication of The origin of species. Cambridge (at the University Press) 1909, xviii, 595 p., *4 pl.* (repr. 1910).
(2) Editor *Science and the nation* essays by Cambridge graduates. Cambridge (at the University Press) 1917, xxii, 328 p.
(3) Editor, H.H.W. Pearson, *Gnetales*, 1929, see TL-2/7582.

EPONYMY: *Sewardia* R. Zeiller (1900); *Sewardiella* Kashyap (1915); *Sewardiella* A. Fucini (1936); *Sewardiodendron* R. Florin (1958); *Sewardioxylon* K.M. Gupta (1971).

11.816. *Fossil plants as tests of climate* being the Sedgwick prize essay for the year 1892 ... London (J.C. Clay and Sons, ..) 1892. Oct. (*Foss. pl. climate*).
Publ.: 1892 (Bot. Zeit. 1 Jan 1893; Bot. Centralbl. 23 Nov 1892), p. [i]-xii, [1]-151.
Copies: G, NY, U.
Preliminary publ.: Naturalist 1891 (May): 149-155. (*Fossil climates*).
Ref.: Hick, Th., J. Bot. 31: 57-58. Feb 1893 (rev.).

11.817. *Catalogue of the Mesozoic plants* in the Department of Geology British Museum (Natural History). *The Wealden Flora.* ... London (printed by order of the Trustees ...) 1894-1895, 2 parts. (*Cat. Mesoz. pl., Weald. Fl.*).
1: 1894 (p. viii: 19 Mar 1894; Bot. Zeit. 1 Aug 1894; J. Bot. rev. Sep 1894), p. [i]-xxxviii, [xxxix-xl], [1]-179, [181]. *pl. 1-11* with text.
2: 16 Nov-31 Dec 1895 (p. vi: 16 Nov 1895; Bot. Zeit. 1 Jan 1895), p. [i]-viii, [ix-xi], [1]-259, [261], *pl. 1-20* with text.
Copies: BR, HH, U, PH, USGS; IDC 5011.
Ref.: Carruthers, W., J. Bot. 34: 232-234. Mai 1896 (rev. vol. 2).
D.H.S., J. Bot. 32: 282-284. Sep 1894 (rev.).
Seward, A.C., Geol. Mag. dec. 4. 1: 384. 1894 (note on Catalogue).
Solms, H., Bot. Zeit. 52: 230. 1 Aug 1894 (rev.).

11.818. *Fossil plants* for students of botany and geology ... Cambridge (at the University Press) 1898-1919. 4 vols. (*Foss. pl.*).
1: Mar-Apr 1898 (p. viii: Mar 1898; Bot. Centralbl. 21 Apr 1898; Bot. Zeit. 1 Mai 1898; J. Bot. rev. Jul 1898), p. [i-ii], frontisp., [iii]-xviii, [1]-452. – Thallophyta through Sphenophyllales (p.p.).
2: 1910 (p. viii: 12 Mar 1910; Bot. Centralbl. 26 Jul 1910; Bot. Zeit. 16 Aug 1910; J. Bot. rev. Apr 1911), p. [i-ii], frontisp., [iii]-xxi, [xxii], [1]-624. – Sphenophyllales-Psilotales-Lycopodiales.
3: 1917 (p. viii: 10 Feb 1917; J. Bot. rev. Oct 1917), p. [i-ii], portr. René Zeiller [1847-1915], [iii]-xviii, [1]-656. – Pteridospermae, Cycadofilices, Cordaitales, Cycadophyta.
4: 1919 (p. [viii]: 18 Jun 1919; J. Bot. rev. Nov 1919), p. [i-ii], frontisp., [= iii-iv], [v]-xvi, [1]-543. – Ginkgoales, Coniferales, Gnetales.
Copies: B, BR, FI, G, HH, MO, NY, PH, U, UC, USGS.
Facsimile reprint: 1963, New York and London (Hafner Publishing Company) 1963, 4 vols. – Only difference in imprint t.p.'s and texts on p. [ii]. *Copies*: NY, UC, USDA.
Reviews J. Bot.: 1, W. Carruthers, 36: 277-278. Jul 1898, 2, H.H. Thomas, 49: 129-131. Apr 1911, 3: E.J.S., 55: 292-293. Oct 1917, 4: E.J.S., 57: 323-324. Nov 1919.

11.819. *La flore wealdienne de Bernissart* ... Bruxelles (Polleunis & Ceuterick, ...) 1900. Qu. (*Fl. weald. Bernissart*).
Publ.: 1900 (Bot. Centalbl. 26 Jul 1900), p. [1]-37, [39, expl. pl.], *pl. 1-4* (uncol.). *Copies*: G, U, US, USDA. – Reprinted and to be cited from Mém. Mus. r. Hist. nat. Bruxelles 1: 1-37, [39], *pl. 1-4*. 1900.

11.820. *Catalogue of the Mesozoic plants* in the Department of Geology British Museum (Natural History). *The Jurassic flora* ... London (printed by order of the Trustees ...) 1900-1904, 2 parts. Oct. (*Cat. Mesoz. pl., Jurass. fl.*).
1 (The Yorkshire coast): 1900 (p. vi: 20 Nov 1900; Bot. Centralbl. 21 Mar 1901; Bot. Zeit. 16 Mai 1901), p. [i]-xii, [1]-341, [343], *pl. 1-21* with text.
2 (Liassic and Oolitic floras of England): 1904 (p. viii: Mar 1904; Bot. Centralbl. 2 Aug 1904), p. [i]-xv, [1]-192, [193], *pl. 1-13* with text.
Copies: BR, HH, U, USGS; IDC 5011. – Constitute vols. 3 and 4 of the *Catalogue of Mesozic plants*; for vols. 1 and 2 see above; for vol. 5 see under M.C. Stopes.
Ref.: Arber, E.A.N., Bot. Centralbl. 98: 637-639. 1905 (rev.).
Solms, H., Bot. Zeit. 62: 219. 1904 (rev.).

11.821. *Fossil floras of Cape Colony* ... [Cape of Good Hope (Trustees of the South African Museum ...)] 1903. Oct.
Publ.: 22 Oct 1903, issued and to be cited from Ann. S. Afr. Mus. 4(1): [1]-122, *pl. 1-14* (uncol.). *Copy*: USGS.
Ref.: Solms, H., Bot. Zeit. 62(2): 155-156. 16 Mai 1904.

11.822. *Links with the past in the plant world* ... Cambridge (at the University Press) 1911. Oct. (*Links past pl. world*).
Publ.: 1911 (p. viii: Jul 1911], p. [i]-viii, [ix],[1]-142. *Copies*: MO, U, USGS.
Facsimile ed.: 1965, New Delhi (Today and Tomorrow).
Ref.: Engler, A., Bot. Jahrb. 46 (Lit.): 52-53. 1912 (rev.).
J.G., J. Bot. 49: 374-375. Dec 1911 (rev.).

11.823. *Mesozoic plants from Afghanistan* and Afghan-Turkistan ... Calcutta (sold at the office of the Geological Survey ...) 1912. Qu.
Publ: 1912, p. [i-iii], [1]-57, *pl. 1-7*, [59]. *Copies*: NSUB, NY, U-UB, Univ. Illinois. – Issued as Mem. Geol. Surv. India ser. 2. 4(4): 1912. in series *Palaeontologica indica*.

11.824. *Lower Gondwana plants from the Golabgarh Pass*, Kashmir ... Calcutta (sold at the office of the Geological Survey ...), London (Messrs. Kegan Paul ...), Berlin (Messrs. Friedländer und Sohn) Qu. (*Low. Gondw. pl. Golabgarh*).
Publ.: 1912, p. [i-iv], [1]-10, *pl. 1-3* with text. *Copy*: BR. – Issued as Mem. Geol. Surv. India, Palaeontologia indica, ser. 2. 4(3). 1912.

Facsimile repr.: 1979, Dehra Dun (Bishen Singh Mahendra Pal Singh, ...). As original, see Taxon 29: 389. 1980. – *Copy*: FAS.

11.825. *Antarctic fossil plants* ... London (printed by order of the Trustees of the British Museum ...) 1914. Qu. (*Antarct. foss. pl.*).
Publ.: 24 Oct 1914 (date on cover), p. [i], [1]-49, *pl. 1-8* with text. *Copy*: USDA. – Brit. Mus., Brit. Antarct. ("Terra Nova") Exp. 1910, Nat. Hist. Rep., Geol. 1(1). 1914.

11.826. *Indian Gondwana plants*: a revision ... Calcutta (sold at the office of the Geological Survey of India, ...) 1920. Qu. (*Ind. Gondw. pl.*).
Co-author: Birbal Sahni.
Publ.: 1920 (p. [iii]: Apr 1919), p. [i-iii], [1]-54, *pl. 1-7*. *Copies*: NSUB, USGS, Univ. Illinois. – Issued as Mem. Geol. Surv. India ser. 2. 7(1), 1920 in the series *Palaeontologica indica.*
Postscript: 1 p. dated Dec 1925, added to copies as an errata sheet.
Facsimile ed.: 1979, Dehra Dun (Bishen Singh ...). *Copies*: FAS, MO.

11.826a. *A summer in Greenland* ... Cambridge (at the University Press) 1922. Oct. (*Summer Greenl.*).
Publ.: Aug-Sep 1922 (p. 5: 5 Aug 1922; ÖbZ rd Oct 1922-Feb 1923), p. [i*-ii*], [i]-xi, [xii-xiii, maps], [xiv], [1]-100, *pl. 1-29*. *Copies*: HH, NY.
Ref.: Anon., J. Bot. 61: 58-59. 1923 (rev.).

11.827. *Plant life through the ages*, a geological and botanical retrospect ... Cambridge (at the University Press) 1931. Oct. (*Plant life ages*).
Illustrations: nine reconstructions of ancient landscapes drawn by Edward Vulliamy.
Publ.: 1931 (p. xvi: Jan 1931; rev. J Bot. Oct 1931; Kew Bull. 24 Nov 1931), p. [i-ii], frontisp., [iii]-xxi, [1]-601. *Copies*: BR, G, MO, NY, PH, U, USDA.
Other issue: 1931, New York (The Macmillan Company), Cambridge ... *Copy*: HH.
Ed. 2: 1933 (p. xvi: Apr 1933; J. Bot. Mai 1934), p. [i-ii], frontisp., [iii]-xxi, [1]-603. *Copies*: NY, PH.
Facsimile ed. (of ed. 2): 1959, New York (Hafner Publishing Co.), as ed. 2 but with a different imprint on p. [iii], and add. text on p. [iv]. *Copies*: B, G, NY.
Facsimile ed. (ed. 2): 1966, as 1959 facsimile.
Ref.: Rendle, A.B., J. Bot. 69: 267-269. Oct 1931 (rev.).
Gothan, W., Bot. Jahrb. 65 (Lit.): 39-40. 1932.

11.828. *Some late Palaeozoic plants from the Belgian Congo* ... Extrait des Bulletins de la classe des Sciences, Académie royale de Belgique ... 1931. Oct.
Publ.: shortly after 11 Apr 1931 (date of presentation), p. 1-12, *pl. A, B*. *Copy*: U. – Reprinted and to be cited from Bull. Cl. Sci. Acad. r. Belg. ser. 5. 17(4): 532-543. 1931.

11.829. *Plants* what they are and what they do ... Cambridge (at the University Press) 1932. Oct. (*Plants*).
Publ.: Jan-Apr 1932 (p. x: Dec 1931; J. Bot. rev. Aug 1932; MO rd 14 Mai 1932; Nat. Nov. Jun 1932), p. [i]-x, [1]-141. *Copies*: FI, MO.
French transl.: 1932, p. [i]-xii, [1]-164, [165, cent.]. *Copies*: BR. – *Les plantes* ce qu'elles sont ce qu'elles font. Préface de Mr. P.A. Dangeard ... traduit de l'Anglais par Mr. Pierre Gavaudan ..." Paris (Hermann & Cie, ...)1932. Oct.

11.830. *Plant records of the rocks* ... Smithsonian Institution Washington D.C. [1933]. Oct.
Publ.: 1933, cover-t.p., p. [363]-371. *Copy*: U. – Reprinted from the Smithsonian Report for 1932: 363-371. 1933.

11.831. *Fossil plants from Kingigtok* and Kagdlunguak, West Greenland ... Kφbenhavn (C.A. Reitzels Forlag ...) 1935. Oct. (*Foss. pl. Kingigtok*).
Co-author: Verona Margaret Conway.

Publ.: 12 Nov-31 Dec 1935 (printing finished 12 Nov 1935), p. [1]-41, [42-43], *pl. 1-5* with text. *Copy*: PH. – Meddel. Grønl. 93(5). 1935.

11.832. *Additional cretaceous plants from western Greenland* ... Stockholm (Almqvist & Wiksells Boktryckeri-A.B.), Berlin (R. Friedländer & Sohn ...), Paris (Librairie C. Klincksieck ...) [1936]. (*Add. Cretac. pl. Greenland*).
Co-author: Verona Margaret Conway.
Publ.: 31 Dec 1935 or somewhat later (printed 31 Dec 1935; p. dated 1935), p. [1]-41, *pl. 1-6 Copies*: NSUB, NY, U, US. – Issued as K. Sv. Vet.-Akad. handl. ser. 3. 15(3). 1935.

11.833. *Geology for everyman* ... Cambridge (at the University Press) 1945. Oct. (*Geol. everyman*).
Preface: Henry Lyons.
Publ.: 1945, p. [i-ii], portr., [iii]-xi, [1]-312, *pl. 1-8. Copy*: U.

Seydler, Friedrich Wilhelm (1811-1897), German (East-Prussian) botanist; at the teacher's college of Klein Dexen 1829-1831; teacher at schools in Gr.-Kuhren and Heiligenbeil 1831, from 1861 inspector at the "Seeligerschen Erziehungsanstalt" Braunsberg; one of the founders of the Preuss. bot. Verein. (*Seydler*).

HERBARIUM and TYPES: KBG (destr.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 263; Biol.-Dokum. 16: 8636; GR p. 139 (b. 31 Mai 1811, d. 21 Nov 1897); LS 39188; Morren, ed. 10, p. 9; Rehder 1: 389, 4: 440.

BIOFILE: Anon., Biogr. Jahrb. deut. Nekrol. 4: 59*, 86*. 1900; Bot. Centralbl. 73: 336. 1898 (d.); Bot. Jahrb. 25 (Beibl. 60): 54. 1898 (d.); Bot. Monatschr. 16: 16. 1898 (d. 21 Nov 1897); Festschr. 50-j. Bestehen Preuss. Bot. Ver. xii, xxvii, *pl. 1.* 1912 (portr., herb.); Verh. bot. Ver. Brandenburg 40: cxlvi. 1898 (d.), 51: (84). 1910.
Caspary, R., Festschr. 50-j. Best. Preus. bot. Ver. 276-277. 1912 (biogr., bibl., b. 31 Mai 1811, d. 21 Nov 1897).
Szymkiewicz, D., Bibl. fl. Polsk. 126. 1925.

11.834. *Verzeichniss der in den Kreisen Braunsberg und Heiligenbeil* der Provinz Ostpreussen wildwachsenden *Phanerogamen und Gefässkryptogamen* ... [Schr. physik.-ökon. Ges. Königsberg 1891]. Oct.
Publ.: 1891 (Nat. Nov. Oct(2) 1891), in Schr. physik.-ökon. Ges. Königsberg 32: 15-59, 69-76. 1891. Tearsheet. *Copies*: B, HH.

Seymour, Arthur [Bliss] (1859-1933), American botanist; MS Univ. Illinois 1886; assistant to W.G. Farlow at Harvard 1883-1885; at the University of Wisconson 1885-1886; permanently appointed to the staff of the Cryptogamic Herbarium, Harvard 1886, especially engaged on the Harvard mycological indexes. (*Seym.*).

HERBARIUM and TYPES: ILL, WIS (in herb. F.C. Seymour). – Further material at BPI, CAS, CS, CUP, DAO, DUKE, FH, GH, IA, ILL, ILLS, K, L, M, MICH, MISSA, MO, NCU, PH, SD, WELC, WRSL.
Exsiccatae: (1) see J. Stevenson (1971) p. 372-383, especially for the major series, issued with Franklin Sumner Earle (1856-1929), *Economic fungi*, fasc. 1-11, nos. 1-550, 1 Jan 1890-7 Jun 1899 with suppl. A-C (12, 31, 150 nos.) 5 Apr 1898-12 Jun 1903. – Sets at ARIZ, BM, BPI, COLO, CUP, DAOM, E, FH, GA, IA, ILL, ISC, KANU, KSC, MASS, MICH, MIN, MONT, MSC, MTMG, MU, NCU, NDA, NEB, NHES, NYS, OC, PUR, RM, RSA, SCHN, SDC, TRTC, UC, UMO, USC, UT, WIS, WSP. For text and dates see below.
(2) For *Lichenes boreali-americani*, with Clara Eaton Cummings (1855-1906) and Thomas Albert Williams (1865-1900), see C.E. Cummings: TL-2/1: 571 and Sayre (1969) p. 120.(3) Seymour contributed also to C. Roumeguère (q.v.) *Fungi selecti exsiccati.*
Letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 282, 328, 347; Barnhart 3: 263 (b. 3 Jan 1839, d. 30 Mar 1933); Blankinship p. 11, 24; BM 2: 557, 4: 1907, 8: 1180; Ewan ed. 1: 303, ed. 2: 199; GR p. 197; Hawksworth p. 186; Kelly p. 211-212; Lenley p. 366; LS 4503, 6419, 8353, 24705-24729, 39190, suppl. 25346; Morren ed. 10, p. 122; NW p. 57; PH 26; Rehder 5: 796; Stevenson p. 1257; TL-2/1741, see G.P. Clinton, C.E. Cummins; Tucker 1: 646, 3: 277; Urban-Berl. p.282.

BIOFILE: Anon., Amer. men sci. eds. 1-5, 1906-1933; Natl. Cycl. Amer. Biogr. 44: 313. 1962 (biogr., portr., b. 3 Jan 1859, d. 29 Mar 1933); New York Times 31 Mar 1933; Science ser. 2. 77: 344. 1933 (d.); Torreya 33: 107. 1933 (d.); Who's who Amer. 7-18, 1910-1935; Who was who Amer. 1: 1106. 1968.
Cattell, J.M., Amer. men Sci. ed. 1: 287. 1906, ed. 2: 420. 1910.
Day, M., Rhodora 3: 281. 1901 (on his private herb.).
Jones, L.R., Mycologia 26(4): 279-290. 1934 (obit., portr., bibl.).
Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 19, 20, 58. 1981.
Sayre, G., Mem. New York Bot. Gard. 19(1): 120. 1969 (exsicc. lich.).
Seymour Jones, E. & B.E. Wood, List of activities [publ.] and interests of Arthur B. Seymour, mss., 4 p., copies at FH and TL-2/files.
Stevenson, Beih. Nova Hedw. 36: 372-383. 1971 (exsiccatae).
Verdoorn, F., ed., Chron. bot. 6: 263, 420. 1941.

COMPOSITE WORKS: (1) With W.G. Farlow, *Prov. host-index fung. U.S.* 1888-1891, see TL-2/1741.
(2) W.G. Farlow, *Bibliographical index of North American Fungi*, 1(1), 1905, Abrothallus-Badhamia, work done mainly by Seymour.

EPONYMY: *Seymouria* R. Sweet (1824) was named for Mrs. Seymour of Woburn, Bedfordshire, England, a grower of geraniums.

11.835. *Economic fungi* a series of specimens designed chiefly to illustrate the fungus diseases of useful and noxious plants ... edited and published by A.B. Seymour and F.S. Earle. Cambridge, Mass. 1890-1905. (*Econ. fung.*).
Co-editor: Franklin Sumner Earle (1856-1929); the *Ustilaginaceae* (C 1-C 100) edited by George Perkins Clinton (1867-1937).
Publ.: 1 Jan 1890-12 Jun 1905; text accompanying the set of exsiccatae mentioned under "Herbarium and Types".
1 (nos. 1-50): 1 Jan 1890, p. [1-3].
2 (nos. 51-100): 1 Jan 1891, p. [1-3]. – Parasites on grasses and grass-like plants.
3/4 (nos. 101-200): 1 Sep 1892, p. [1-3]. – Parasites on forest trees and other woody plants indigenous or cultivated for ornament.
5 (nos. 201-250): 1 Feb 1893, p. [1-3]. – Chiefly Uredineae parasitic on woody plants including Gymnosporangia with their aecidial stages.
6/8 (nos. 251-400): 1 Mai 1893, p. [1-4]. – Parasites on weeds ... with the cooperation of Byron D. [David] Halsted [1852-1918] and with the assistance of Harriet L. [Lathrop] Merrow [b. 1858] and Josephine Skehan.
9 (nos. 401-450): 1 Jul 1895, p. [1-3]. – Parasites on garden vegetables and fruit trees ... assisted by Flora W. [Wambaugh] Patterson [1847-1928].
10 (nos. 451-500): 15 Oct 1897, p. [1-3]. – Chiefly parasites of ornamental herbaceous plants ... assisted by Jennie F. [Frances] Conant [b. 1864].
11 (nos. 501-550): 7 Jun 1899, p. [1-3]. – Assisted by Jennie F. Conant.
Economic fungi supplement including species of scientific rather than of economic interest (nos. A 1-10, B 1-30) 5 Apr 1898, p. [1-3]. – assisted by Jennie F. Conant.
Id. (nos. C 1-C 100), *Ustilagineae*: 1 Jun 1903, p. [1-3] ... edited by G.P. Clinton.
Id. (nos. C 101-C 150), *Ustilagineae*: 12 Jun 1905, p. [1-3] ... id.
Copy: NY. – Lists of collectors provided on t.p.'s of fasc. 6-end.
Announcement: Anon., Bot. Gaz. 15: 25. 1890 (fascicles of 50 species; $3.00 in envelopes; $3.50 mounted in book form), see also S.M.T., Bot. Gaz. 18(2): 82. Feb 1893 (rev. fasc. 1).

11.836. *Host index of the fungi of North America* ... Cambridge, Massachusetts (Harvard University Press) 1929. Oct. (*Host index fung. N. Amer.*).
Publ.: 10 Jun 1929 (p. iv: 10 Jun 1929 publ.; MO rd 20 Jun 1929), p. [i]-xiii, [1]-732. *Copies*: B-S, BR, FH, HH, MICH, MO, NY, PH, Stevenson, USDA.
Supplement: unfinished; manuscript at FH.
Facsimile ed. 1967, Lehre (Verlag von J. Cramer), p. [i*-ii*, new], [i]-xiii, [1]-732. *Copies*: FAS, FH, G, NY. – Bibliotheca mycologica Band 2. – See Taxon 16: 443. 1967. – ISBN 3-7682-0461-8.
Ref.: Anon., J. Bot. 68: 123-124. Apr 1930 (rev.).

Seymour, Frank Conkling (1895-x), American botanist; son of A.B. Seymour. (*F. Seym.*).

HERBARIUM and TYPES: MO (coll. after 1953), WIS (incl. the A.B. Seymour herb.); other material at B (extant), DUKE, GH, H, MAINE, MASS, MCJ, MICH, MO, MU, NEBC, NSC, NY, PH, VT; Nicaragua material (1968-1976) e.g. at B, MO, VT. – *Field notes* at GH, MO.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 186, 318; IH 1 (ed. 6): 364, (ed. 7): 342; Roon p. 102; SIA 95.

BIOFILE: Anon., Taxon 7: 117. 1958 (private herbarium acquired by WIS, includes A.B. Seymour herb.), 22: 707. 1973 (post 1953 herb., 20.000 specimens, acquired by MO; main basis of The flora of New England, 1969).
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NOTE: Seymour published his main work in 1969: *The flora of New England*, a manual for the identification of all vascular plants, including ferns and fern allies and flowering plants growing without cultivation in New England. Rutland, Vermont (The Charles E. Tuttle Company ...), xvi, 596 p. *Copies*: FAS, G. – See Taxon 19: 130-131. 1970 (rev.). – Also: *The flora of Vermont*, ed. 4, Burlington, Vermont, 1969, vii, ix, 393 p. *Copy*: PH.

Seynes, Jules de (1833-1912), French botanist (mycologist); Dr. méd. Montpellier 1860; Dr. sci. nat. Paris 1863; aggr. Paris 1865; from then on connected with the Faculté de médicine, Paris. (*De Seyn.*).

HERBARIUM and TYPES: P, PC. – *Correspondence* with E. Malinvaud at P; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 120, 213, 285, 318, 347; Barnhart 3: 263 (b. 16 Jan 1883, d. 18 Oct 1912); BM 4: 1907; Bossert p. 361; CSP 5: 670, 8: 940, 11: 400, 12: 676, 18: 712; GR p. 351-352; Jackson p. 169, 288; Kelly 212-213; LS 23210a, 24730-24798 (bibl.); Moebius p. 98; Morren ed. 2, p. 21, ed. 10, p. 55; PR 8644-8646; Rehder 5: 796; Stevenson p. 1257; TL-2/253, 6388, 7997, 9138.

BIOFILE: Anon., Arch. biogr. cont. 2: 212-213. 1907; Bot. Centralbl. 122: 384. 1913 (d.); Bull. Soc. bot. France 10: 72. 1866 (agrégé), 59: [618]. 1913 (d.), 61: *pl. 3*. 1914 (portr.); Bull. Soc. bot. France, Table art. orig. 219-221 (bibl.); Cat. gén. livr. impr. Bibl. natl. 171: 696-699. 1947; Hedwigia 53: (169). 1913(d.), 54: (125). 1913 (d.); Österr. bot. Z. 63: 48. 1913 (d.).
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EPONYMY: *Seynesia* P.A. Saccardo (1883); *Seynesiella* Arnaud (1918); *Seynesiola* Spegazzini (1919); *Seynesiopeltis* F.L. Stevens et Ryan (1925); *Seynesiopsis* P. Hennings (1904); *Seynesiospora* A.C. Batista (1960).

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Publ.: on or shortly before 11 Jun 1860, p. [i]-viii, [9]-124. *Copies*: FH, G, NY. – Concours pour l'agrégation dans la Faculté de médecine de Montpellier.

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Publ.: Mai-Jun 1863 (BSbF séance 26 Jun 1863; Flora 31 Aug 1864; J. Bot. Jul 1864), p. [1]-154, [154a, 155]-156, *pl. 1-5* (uncol. liths. auct.), map. *Copies*: B-S, FH, FI, G, MICH, NY, Stevenson, USDA.
Ref.: Fournier, E., Bull. Soc. bot. France 10 (bibl.): 106-108. Oct 1863 (rev.). Seemann, B., J. Bot. 2: 222-224. Jul 1864 (rev.).

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Publ.: 1863 (BSbF Nov 1863; Flora 24 Jan 1864), p. [1]-76, *1 pl.* (uncol. lith. Faguet). *Copies*: FI, G, USDA.
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Publ.: Jan-Jun 1869 (in journal; Bot. Zeit. 12 Aug 1870 (rev.); BSbF 12 Dec 1868-9 Jul 1869), p. [i], [1]-10. *Copies*: FH, G. – Reprinted and to be cited from Ann. Soc. Linn. Maine-et-Loire, Angers 11: 1-10. 1869.
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11.843. *Recherches* pour servir à l'histoire naturelle des *végétaux inférieurs* ... Paris (F. Savy ... G. Masson) 1874-1888, 3 vols. Qu. (*Rech. vég. inf.*).
1 (*Fistulines*): Mai 1874 (USDA copy has a dedication letter signed by the author 7 Mai 1874; only a few copies bound, awaiting final colouring of plates), p. [i*-iii*], [i]-v, [7]-71, [72], *pl. 1-7* (col. liths.) with text.
2 (*Polypores*): Mai-Jun 1888 (Bot. Centralbl. 2-6 Jul 1888; J. Bot., Morot 1 Jun 1888; Flora rd 1 Mai -30 Jun 1888; Nat. Nov. Jul(2) 1888), p. [i*-iii*], [i]-iv, [5]-66, *pl. 1-6* (1-5 col.; liths. auct.) with text. – Paris (G. Masson, ...) 1888.
3 (*2 parts*): 1886 (p. [5]: 20 Apr 1886; Bot. Zeit. part 1: 25 Jun 1886, part 2: 25 Feb 1887; Nat. Nov. Jun (2) 1886 (1), Oct(2) 1886(2)), p. [1]-85, *pl. 1-3* 2-3 col.; liths) with text. – Paris (G. Masson, ...) 1886 (*part 1*: Mai-Jun 1886, p. 1-56, *part 2*: Sep-Oct 1886, p. 57-85).
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11.844. *Sur une nouvelle espèce* d'Agaricinés [sic] *du genre Lepiota* et sur le caractère de la section Calodontes des Mycènes ... Extrait du Bulletin de la Société botanique de France. Tome xxiii, séance du 8 décembre 1876 [1877]. Oct.
Publ.: Mar 1877, p. [385]-391. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. France 23(CR 4): [385]-391. 1876.

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Publ.: with two other papers in a single reprint Mai-Jun(?) 1878 (journal issue Apr-Mai 1878), p. [1]-7. *Copy*: G. – Reprinted from Bull. Soc. bot. France 25: 87-88 (Sphériacées; séance 8 Mar 1878), 95-97. (Note sur les cellules en boucle, séance 22 Mar 1878), 120-122 (Observ. *Peziza phlebophora*, séance 12 Apr 1878). Late Apr or early Mai 1878.

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11.848. *Recherches* pour servir à l'histoire naturelle et à la flore des *Champignons du Congo Français* ... i. Paris (Masson & Cie, ...) 1897. Qu. (*Rech. Champ. Congo franç.*).
Publ.: 1897 (BSbF séance 24 Dec 1897; Bot. Centralbl. 6 Oct 1897; Bot. Zeit. 16 Oct 1897; Nat. Nov. Nov(1) 1897; G rd 20 Oct 1897), p. [i*-iii*], [i]-vii, [1]-29, [30, expl. pl. 1], *pl. 1*, [1, expl. pl. 2], *pl. 2*, [1, expl. pl. 3], *pl. 3* (col. liths. auth.). *Copies*: BR, FH, G, NY, Stevenson.
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Publ.: Oct-Dec 1900, p. [1-3]. *Copy*: FAS. – Circular letter calling for nominations for the International Commission on botanical nomenclature which is to convene in Vienna 1905; appointment of J. Briquet as co-ordinator. Action resulting from a decision taken on 2 Oct 1900 at the Paris International Botanical Congress (first Congress). Signed by de Seynes as president of the Paris Congrès; cosignatories are the presidents and secretaries of the sessions, the secretary-general of the Congress (E. Perrot) and the treasurer (H. Hua). – With this pamphlet the 20th century nomenclature organisation was founded.

Seyot, Pierre (1876-1942), French mycologist; professor of botany at the Faculté de Pharmacie, Nancy, from 1920 onward. (*Seyot*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 263; Tucker 1: 646.

BIOFILE: Anon., Qui êtes-vous? 699. 1924.
Dillemann, G., Bull. Soc. mycol. France 100(2): ci-cii. 1984.

11.850. *A.B.C. mycologique* livre de poche de l'amateur contenant tout ce qu'il faut savoir pour cueillir des champignons et en manger sans crainte d'empoisonnement ... Jarville-Nancy (Édition des Arts graphiques modernes) 1924. (*A.B.C. mycol.*).
Publ.: Nov 1924 (t.p.), p. [1]-124, with coloured illustrations on numbered pages. *Copies*: BR, FH. – A third edition is mentioned by Nat. Nov. Nov 1931 (124 p., Nancy 1931).

11.851. Vulgarisation mycologique. *Les Bolets de France* ... Nancy (Édition des Arts graphiques modernes) [1935]. Oct. (*Bolets*).
Publ.: 1935 (cover), p. [i]-xi, [1]-67, [1, cont.]. *Copy*: Stevenson. – Published also an undated *Les Amanites et la tribu des Amanitées*, Nancy (id.), p. [i]-x, [1]-120 (publ. 1931, fide Nat. Nov. Nov 1931).

Shafer, John Adolf (1863-1918), American botanist, pharmacist and plant collector; Dr. pharm. h.c. Univ. W. Pennsylvania 1904; curator of botany Carnegie Museum, Pittsburgh 1897-1903; collected in Cuba with N.L. Britton 1903; museum custodian New York Botanical Garden 1904-1910; collected in Montserrat 1907 and Cuba 1909, 1910, 1911, 1912; with Britton in the West Indies 1913, at Vieques (Puerto Rico) 1914; collecting Cactaceae for Britton and Rose in South America 1916-1917. (*Shafer*).

HERBARIUM and TYPES: NY (25.000); early collections (2.500) also in CM; other material at A, AMES, B (mainly destr.), BM, C, DPU, F, GH, HAC, HABE, K, L, MICH, MO, NY, P, PH, U, US.
Field books for the Cuban expeditions (except for 1903) are at NY; other field notes at CM.

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BIOFILE: Britton, N.L., J. New York Bot. Gard. 19: 97-99. 1918 (obit.).
Cattell, J.M., Amer. men sci. ed. 1: 287. 1906, ed. 2: 420. 1910.
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Conde, J.A., Hist. bot. Cuba 100, 102, 106, 292, 295, 296-297, 302. 1958 (portr.).
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Kallunki, J.A., Brittonia 32(3): 397-420. 1980 (Cuban plant collections of J.A. Shafer, N.L. Britton and P. Wilson).
Leon, J.S.S., Mem. Soc. Club Hist. nat. 3: 203, 205-209, 211. 1918 (Cuban expl.).
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11.852. *A preliminary list of the vascular flora of Allegheny County, Pennsylvania* ... Reprinted from Annals of the Carnegie Museum, ... 1901. Oct.
Publ.: Mar 1901, cover-t.p., p. [i = recto of 14], 14-127. *Copy*: HH. – Reprinted and to be cited from Ann. Carnegie Mus. 1(1): [14]-127. 1901. – Add. O.E. Jennings ib. 3: 473-479. 1906.

Shaler, Nathaniel Southgate (1841-1906), American geologist; student of L. Agassiz; D.Sc. Lawrence Scientific School, Cambridge 1865; instructor in zoology and geology ib. 1868-1872; professor of paleontology Harvard 1869-1888; professor of geology ib. 1888-1906; director of the second Kentucky Geological Survey 1873-1879; geologist U.S. Geol. Survey 1886-1900. (*Shaler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 264 (b. 21 Feb 1841, d. 10 Apr 1906); BM 4: 1908; DSB 12: 343-344; Ewan ed. 2: 199; ME 2: 511, 517, 3: 304, 305; Merrill p. 478, 565, 711, 730; Quenstedt p. 396; Rehder 5: 796; Tucker 1: 646.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 220: 526-529. 1964 (bibl.); Natl. cycl. Amer. biogr. 9: 315. 1899; Nature 74: 226-227. 1906 (d.); New York Times 11 Apr 1906 (obit. not.); Science ser. 2. 23: 599, 869-872. 1906 (d.; obit.); Who's who Amer. 1-4, 1899-1907; Who was who Amer. 1: 1108. 1968.

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Shaler, N.S., The autobiography of N.S.S. with a supplementary memoir by his wife, Boston and New York 1909, ix, 482 p. (autobiogr., portr., bibl.) (rev. Nature 82: 274-275. 1910).

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Publ.: 1888, cover-t.p., p. 297-363, *pl. 19-29*. *Copy*: HH. – Reprinted and to be cited from Ann. Rep. U.S. Geol. Surv. 7: 297-363, *pl. 19-29*. 1888.

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Publ.: 1891, *in* Ann. rep. U.S. Geol. Surv., Geol. 10: 225-339, *pl. 6-19*. *Copies*: HH, USDA.

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Shannon, William Cummings (1851-1905), American physician and plant collector; MD Bellevue Medical Coll. 1874; assistant surgeon U.S. army 1875-1895; maj. surgeon 1895-1898; in retirement from 1898. (*Shannon*).

HERBARIUM and TYPES: US; duplicates e.g. in B (mainly destr.), BR, E, F, GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 264 (b. 8 Mai 1851, d. 21 Apr 1905); BM 4: 1908; Urban-Berl. p. 397.

BIOFILE: Allison, E.M., Univ. Colorado Stud. 6: 74. 1909.

Anon., J. Amer. med. Ass. 44: 1549. 1905 (d.); J. Ass. military Surg. U.S. 19(2): 167-168. 1906 (obit., portr.).

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Authorship: unless stated otherwise the determinations are by John Donnell Smith (1829-1928); *Leguminosae* by M. Micheli; *Melastomaceae* and *Orchidaceae* by A. Cogniaux; *Begoniaceae* and *Piperaceae* by Cas. de Candolle; *Compositae* and *Solanaceae* by John M. Coulter; *Scitamineae*, *Iridaceae* and *Amaryllidaceae* by J.G. Baker, *Commelinaceae* by C.B. Clarke. – W.C. Shannon was the collector.
Publ.: 1898, p. [1]-24. *Copies*: BR, G, HH, US. – Intercontinental Railway Commission volume i, part ii, Report of surveys and explorations made by corps no. 1 in Guatemala, El Salvador, Honduras, Nicaragua and Costa Rica. Appendix iii.

Shantz, Homer LeRoy (1876-1958), American botanist, agronomist and soil technologist; Dr. phil. Univ. Nebraska 1905; instructor in botany, Colorado Coll. 1901-1902; id. School of Agric., Nebraska 1903-1904, Missouri State Univ. 1905-1906, Louisiana State Univ. 1907; with the Bureau of Plant Industry, USDA 1908-1926; head of the department of botany Univ. Illinois, Urbana 1926-1928; president of the University of Arizona 1928-1936; travelled in Africa 1919-1920 (Smithsonian African Exp.), 1924 and 1958. (*Shantz*).

HERBARIUM and TYPES: US. – Duplicates in FHO, G, K, LCU, NY, RM, TEX. Collected in Africa 1919, 1924, 1934. – *Letters* to W.G. Farlow at FH.

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EPONYMY: *Shantzia* Lewton (1928).

11.857. *Natural vegetation as an indicator of the capabilities of land for crop production* in the Great plains area ... Washington (Government Printing Office) 1911. Oct. (*Nat. veg. indic. crop prod.*).
Publ.: 16 Mar 1911, p. [1]-100. *Copy*: B, USDA. – USDA Bureau Plant Industry, Bull. 201.

11.858. *The vegetation and soils of Africa* by H.L. Shantz ... and C.F. Marbut ... with a

section on the land classification of Africa by J.B. Kincer ... New York (published jointly by the National Research Council and the American Geographical Society ...) 1923. Oct. (*Veg. soils Africa*).
Co-author: Curtis Fletcher Marbut (1863-1935) (for part on the soils of Africa p. 115-217; co-author p. 225-244).
Publ.: 1923 (Nat. Nov. Apr 1924), p. [i*], [i]-x, [1]-263, 2 maps, 50 figs. on *46 plates*. *Copies*: BR, G, HH, MO, NY, USDA.
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Co-author: R.L. Piemeisel.
Publ.: 24 Mai 1924, cover-t.p., p. 721-801, *pl. 1-14* with text. *Copies*: B, NY. – Reprinted and to be cited from J. agric. Res. 28(8): 721-801, *pl. 1-14* with text. 1924.

Sharp, Aaron John ["Jack"] (1904-x), American botanist; MS Univ. Oklahoma 1929; Dr. phil. Ohio State Univ. 1938; instructor in botany, University of Tennessee 1929-1937; professor of botany ib. 1937-1965; alumni distinguished service professor 1965-x; curator of the herbarium 1949-1967. (*Sharp*).

HERBARIUM and TYPES: TENN; other material at ALTA, BUF, C, DPU, F, FH, FLAS, GH, GRI, H, HIRO, LAF,LCU, M, MEXU, MICH, MSC, MO, NCU, NY, PAC, PH, US, WCUH, WIS, WS, WTU. – The types of publication before 1934 at TENN no longer extant. – *Field notes* at TENN; *letters* at G.

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BIOFILE: Anon., Amer. men sci. 7-14, 1944-1979; J. Tenn. Acad. Sci. 28: 94. 1953, 36:360. 1961 (retired Sep 1961; will continue teaching and research); Natl. cycl. Amer. biogr. K: 545-546. 1967 (biogr., portr.); Taxon 31: 384. 1982, 32: 162. 1983 (hon. memb. Soc. bot. Mex.); Who's who Amer. 26-42, 1950-1983.
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Verdoorn, F., ed., Chron. bot. 1: 279, 286, 319. 1937, 6: 297. 1941.

COMPOSITE WORKS: (1) *Leskea* and *Pseudoleskea*, *in* A.J. Grout, Moss. fl. N. Amer. 3(4) 1934.
(2) Bryological papers reviewed or noticed in *Rev. bryol.* 3(4: 210. 1931, 5: 145. 1933, 9: 151. 1936, 11: 126, 133. 1938, 18: 95. 1949, 23: 256. 1954, 24: 393. 1955, 30: 293. 1961, 32: 309. 1963, 34(1-2): 381. 1966, 34(3-4): 950. 1967, 36(1-2): 354, 371, 381. 1969, 36(3-4): 783, 789, 798, 810. 1970, 37: 412, 999. 1971, 38: 613, 624, 636. 1973, 39: 352, 359, 510. 1973, 40: 295. 1974.

11.860. *Taxonomic and ecological studies of eastern Tennessee Bryophytes* ... Reprinted from "The American Midland Naturalist" vol. 21, ... 1939. Oct.
Publ.: Mar 1939, cover-t.p., p. 267-354, i-vii (index, gloss.). *Copies*: BR, MO. – Reprinted and to be cited from Amer. Midl. Natural. 21(2): 267-354. Mar 1939.

Shaw, George (1751-1813), British naturalist; MD Oxford 1787; assistant lecturer in

botany Oxford 1788; keeper of natural history collections British Museum 1807-1813. (*G. Shaw*).

HERBARIUM and TYPES: 185 original sketches at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 266 (b. 10 Dec 1751, d. 22 Jul 1813); BM 4: 1911; Dawson p. 747; Desmond p. 552; DNB 51: 436 (17: 1374); Henrey 2: 141, 149, 150-151, 670; NI 1838; SO 149, 151, 439, 767C; TL-1/1237; TL-2/6033; Tucker 1: 647.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2060. 1878.
Anon., Brit. Mus. gen. cat. print. books 220: 760-761. 1964; Gentleman's Mag. 1813(2): 290-292 (obit.).
Barber, L., The heyday of natural history 161, 164-165. 1980.
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(2) With J.F. Miller, *Cimelia phys.* 1796, see TL-2/6033.
(3) Descriptions to *pl. 16, 17, 18* in J. Sowerby, *Engl. bot.* 1791.

Shaw, George Russell (1848-1937), American architect and botanist; practicing architecture with Henry Hunnewell at Boston 1873-1902. (*Shaw*).

HERBARIUM and TYPES: A (*Pinus* collection separate); further material at K, MICH, NY, P. – Manuscripts and letters at GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 266 (b. 28 Oct 1848, d. 15 Jan 1937); BJI 2: 163; BM 8: 1184; Hortus 3: 1204; Langman p. 697; MW p. 445; SIA 237; Tucker 1: 647.

BIOFILE: Altamirano, F., Anal. Inst. Méd. nac. Mex. 6(2): 341-355. 1904 (on a trip with G.R. Shaw, notes on Pinus), also in Bol. Soc. Mich. geogr. Est. 3: 223, 226, 242. 1907 (n.v., fide Langman).
Anon., Boston Globe 16 Jan 1937 (typewritten copy NY).
McVaugh, R., Contr. Univ. Mich. Herb. 9: 310. 1972 (coll. Mexico).
Shaw, G.R., Gard. Chron. ser. 3: 35: 179-180. 1904, 36: 98. 6 Aug 1904 (The Times of Cuba; The Pines of Western Cuba; also reprinted).

EPONYMY: *Shawia* J.R. Forster et J.G.A. Forster (1776) was named for Thomas Shaw (1693-1751), traveller in the Levant; *Shawiella* Hansford (1957) was named for D. Shaw, a plant collector in New Guinea.

11.861. *The pines of Mexico* ... Boston, Mass. (J.R. Ruiter & Co.) 1909. Qu. (*Pines Mexico*).
Publ.: Mar 1909 (date on t.p.; Nat. Nov. Apr(2) 1909), p. [i-v],,[1]-29, [31, index],

map, chart, *pl. 1-22* (uncol., auct.). *Copies*: BR, FI, M, MO, NY, PH, USDA. – 100 copies printed. – Publications of the Arnold Arboretum no. 1.
Facsimile ed.: 1961, as orig., reprinted by the Murray Printing Company, Forge Village, Massachusetts. *Copies*: U, US.

11.862. *The genus Pinus* . . . Cambridge (Printed at the Riverside Press) 1914. Qu. (*Pinus*).
Publ.: 1914 (Bot. Centralbl. 21 Jul 1914), p. [i-vii], [1]-96, *pl. 1-39*, in text. *Copies*: B, B-G, BR, FI, M, MO, NY, PH, US, USDA. – Publications of the Arnold Arboretum no. 5.
Reprint: 1958, Murray Printing Company, Forge Village, Massachusetts. *Copy*: U.
Ref.: Hickel, R., Bull. Soc. dendrol. France 33: 79-90. 15 Jul 1914.
Pilger, R., Bot. Jahrb. 52 (Lit.): 28-29. 16 Mar 1915.

Shaw, Henry (1800-1889), English-born merchant and benefactor; emigrated to the United States in 1819; engaged in hardware business at St. Louis until 1840; in retirement laying out a garden ("Shaw's garden"), which became the Missouri Botanical Garden in 1858 and founding Shaw's School of Botany at George Washington University. (*H. Shaw*).

HERBARIUM and TYPES: Shaw is not known to have made a herbarium himself, but the herbarium of the Missouri Botanical Garden has become one of the world's major herbaria. – *Diaries and manuscripts*: MO. *Letters* at G, GH, GM, K. – Jackson (1901) lists 30 specimens of Agave as having come from Henry Shaw, St. Louis 1855.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 266 (b. 24 Jul 1800, d. 25 Aug 1889); BB p. 273; BM 8: 1184; Bossert p. 363; Desmond p. 552; ME 1: 229; SO 2798; Tucker 1: 647, 3: 278. 1933.

BIOFILE: Anderson, E. & D. Brockhoff, Missouri Bot. Gard. Bull. 55(6): 1-16. 1967.
Anon., Amer. Orch. Soc. Bull. 1(3): 78-81. 1932 (biogr. not., portr.); Bull. Torrey bot. Club 12: 118. 1885 (inauguration Shaw School of botany); Missouri Bot. Gard. Bull. 30: 100-112, portr. opp. p. 193. 1942, 49: 85. 1961 (portr.); Natl. cycl. Amer. biogr. 9: 233. 1899; The merchant's exchange of Saint Louis to Henry Shaw. Testimonial of Respect and gratitude adopted Dec. 19, 1878. St. Louis 1879, 24 p.
Bailey, L.H., Stand. cycl. hort. 3: 1595-1596. 1915.
Bryan, J.A., Henry Shaw, botanist-benefactor and George Ingham Barnett, architect. St. Louis, Mo, 63 p.).
Butler, J.D., Missouri Bot. Gard. Bull. 44: 146-148. 1956 (personal memories).
Deken, J.M. & J.R. Reed, Henry Shaw, his life and legacy. Missouri Bot. Gard. 1977, 16 p.
Dimmock, Th., *in* W. Trelease, ed., Missouri Bot. Gard. [Ann. Rep. 1:] 7-25. 1890 (biogr., portr.).
Engelmann, G. & A. Gray, *in* Missouri Bot. Gard. Bull. 30: 100-112. 1942.
Ewan, J. et al., Short Hist. bot. U.S. 9, 43, 44, 244. 1969.
Faherty, W.B., Missouri Bot. Gard. Bull. 72(1): 3-7. 1984.
Gray, J.L., Letters A. Gray 837 [index]. 1893.
Jackson, B.D., Bull. misc. Inf. Kew 1901: 60 (30 specimens of Agave sent to K by Shaw).
Lemmon, K., Country Life 173: 1162-1164. 1983.
Spaulding, P., Pop. Sci. Mon. 74: 57, 128, 130, 240, 246, 247-249. 1909.
Starr, F., Appl. Pop. Sci. Mon. 52(5): 639-640. 1898.
Trelease, Wm., *in* L.H. Bailey, Stand. Cycl. hort. 2: 1595-1596. 1941 (portr.).
Wilson, J.G. & J. Fiske, eds., Appleton's Cycl. Amer. biogr. 5: 485. 1888.

EPONYMY: Henry Shaw School of Botany, George Washington University, St. Louis; Henry Shaw medal (of the Missouri botanical Garden).

11.863. *The Rose*: historical and descriptive; gathered from various sources by Henry Shaw. St. Louis (R.P. Studley & co.) 1879. Oct. (*Rose*).
Ed. [*1*]: 1879, p. [1]-29. *Copies*: LC, Univ. Illinois.

Ed. [2]: 1882, p. [1]-64. *Copies*: MO, US.

11.864. *Plants of the Bible.* At the Missouri Botanical Garden. St. Louis (R.P. Studley & Co., ...) 1884. Oct. (*Pl. Bible*).
Publ.: 1884, p. [1]-16. *Copy*: NY.

Shaw, John (1837-1890), Scottish geologist and bryologist; educated at Free Church Training College, Glasgow ca. 1857-1860; teacher at this college until 1867; headmaster of the Colesberg Collegiate School, South Africa 1867-1874; headmaster of the South African College School, Cape Town 1874-1876; professor of physical science at the South African College 1876. (*J. Shaw*).

HERBARIUM and TYPES: Flowering plants (396) at K; musci in B (mainly destr.), BM, H, MANCH and NMW, but herbarium lost. – *Letters* in Wilson corr. BM.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 273; CSP 8: 944, 11: 405, 12: 677, 18: 721(?); Desmond p. 553; Lenley p. 367; Morren ed. 2, p. 32, ed. 10, p. 114; SBC p. 132.

BIOFILE: Anon., Proc. Trans. Natural. Hist. Soc. Glasgow ser. 2. 3(3): lxxx. 1892 (obit. not.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 255.245. 1980.
Gunn, M. & L.E. Codd, Bot. Expl. S. Afr. 322. 1981 (further biogr. refs.; portr. on p. 323).
Shaw, James, Letter to Miss M.D. Gunn 13 Nov 1979 (b. Isle of Arran, Scotland 1837; Dr. phil. h.c. from a German University, possibly Leipzig).

Shaw, Walter Robert (1871-?), American botanist and pharmacognosist; Dr. phil. Stanford 1897; worked in Bonn (with E. Strasburger) 1897-1898; professor of botany and entomology, Oklahoma Agricultural Experiment Station 1901-1905; professor of botany, College of Liberal Arts, Univ. Philippines, Manila 1906-1922. (*W. Shaw*).

HERBARIUM and TYPES: PNH; some further material at A. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 530; Barnhart 3: 267 (b. 4 Mai 1871); Ewan ed. 2: 200; Kelly p. 213; NW p. 57; Rehder 2: 49; SK 1: 484.

BIOFILE: Anon., Hedwigia 41: (51). 1902 (app. Oklahoma).
Cattell, J.M., Amer. Men Sci. ed. 1: 288. 1906, ed. 2: 423. 1910, ed. 3: 618. 1921, ed. 4: 883. 1927.
Merrill, E.D., Enum. Philipp. pl. 4: 228. 1926.
Quisumbing, E., Philipp. geogr. J. 8: 34. 1964.
Verdoorn, F., ed., Man. pteridol. 629 [index]. 1938.

11.864a. *Besseyosphaera*, a new genus of the Volvocaceae ... Reprinted for private circulation from the Botanical Gazette ... 1916. Oct.
Publ.: Mar 1916 (date on cover), cover-t.p., p. 253-254. *Copy*: FH. – Reprinted and to be cited from Bot. Gaz. 61(3): 253-254. 1916.

11.865. *Campbellosphaera*, a new genus of the Volvocaceae ... Manila (Bureau of printing) 1919. Oct.
Publ.: Dec 1919 (in journal), cover-t.p., p. 493-520, *pl. 1-2* (uncol.). *Copies*: FH, US. – Reprinted and to be cited from Philipp. J. Sci. 15(6): 493-520. Dec 1919.

11.866. *Janetosphaera*, a new genus, and two new species of Volvox ... Manila (Bureau of printing) 1922. Oct.
Publ.: Mai 1922 (in journal), cover-t.p., p. 477-508, *pl. 1-5* (uncol.). *Copies*: FH, US. – Reprinted and to be cited from Philipp. J. Bot. 20(5): 477-508. *pl. 1-5*. Mai 1922.

11.867. *Merrillosphaera*, a new genus of the Volvocaceae ... Manila (Bureau of printing) 1922. Oct.

Publ.: Jul 1922 (in journal), cover-t.p., p. 87-129, *pl. 1-8* (uncol.). *Copies*: FH, US. – Reprinted and to be cited from Philipp. J. Sci. 21(1): 87-129. *pl. 1-8.* Jul 1922.

11.868. *Copelandosphaera*, a new genus of the Volvocaceae ... Manila (Bureau of printing) 1922. Oct.
Publ.: Aug 1922 (in journal), cover-t.p., p. 207-232, *pl. 1-4* (uncol.). *Copies*: FH, US. – Reprinted and to be cited from Philipp. J. Sci. 21(1): 207-232. *pl. 1-4.* Aug 1922.

11.869. *Merrillosphaera africana at Manila* ... Manila (Bureau of printing) 1923. Oct.
Publ.: Feb 1923 (in journal), cover-t.p., p. 185-218, *pl. 1-7* (uncol.). *Copies*: FH, US. – Reprinted and to be cited from Philipp. J. Sci. 22(2): 185-218. *pl. 1-7.* Feb 1923.

Shear, Cornelius Lott (1865-1956), American botanist (agrostologist and mycologist); MA Univ. Nebraska 1901; Dr. phil. George Washington Univ. 1906; with the United states Department of Agriculture 1898-1901 as agrostologist, from 1901-1935 as mycologist in the Bureau of Plant Industry; from 1935-1950 in retirement and still active at USDA. (*Shear*).

HERBARIUM and TYPES: BPI. – Other material (often possibly exsicc.) at A, CUP, DAOM, F, GH, H, MASS, MICH, MO, MSC, NY (grasses, fungi), PAD, RM (fl. pl.), S, US (grasses, fl. pl., orig.), W.
Exsiccatae: *New York fungi* cent. 1-3, nos. 1-200 and 300-400 [sic], 1893-1896, see Stevenson 1971. Sets at B (mainly destr.), BPI, CUP, DAOM, F, FH, IA, ILL, KSC, MASS, MICH, MSC, NEB, NY, NYS, OC, OS, RUTPP, SCHN, SOC, UC, UT, WIS, WVA.
Correspondence with B.O. Dodge at NY; with W.G. Farlow at FH; other letters at G and GH.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 132, 229, 281, 327-328; Barnhart 3: 267 (b. 26 Mar 1865, d. 2 Feb 1956); BM 4: 1912, 8: 1184; Bossert p. 363; CSP 18: 722; Ewan ed. 1, 183, 295, 304, ed. 2: 200-201; Hawksworth p. 186; Hirsch p. 272; IH (ed. 1): 9, (ed. 2): 22, 91, (ed. 3): 24, (ed. 6): 364, (ed. 7): 342; Kelly 213, 257; Langman p. 697; Lenley p. 367; LS 24490, 24806-24814, 39199-39216, suppl. 8115, 25414-25460; MW p. 446; NI 3: 21, 61; NW p. 57; PH 209, 248, 450, 567; Stevenson p. 1258; TL-2/1142; Tucker 1: 647, 2: xxv, 3: 279; Urban-Berl. 382.

BIOFILE: Ainsworth, G.C., Dict. fungi ed. 6: 535. 1971.
Anon., Bot. Centralbl. 74: 256. 1898 (assistant Washington); J. New York Bot. Gard. 9: 76. 1908 (brief curr. vitae), 12: 141-142. 1911 (id.); Natl. cycl. Amer. biogr. 48: 317-318. 1965; Nat. Nov. 20: 266. 1898 (asst. agrostologist); The New York Times 3 Feb 1956, p. 23 (obit.); Taxon 5: 56. 1956 (d.); Who's who Amer. 7-27, 1912-1953; Who was who Amer. 4: 853. 1961-1968; Who's who Nations Capital 1921-1922: 351, 1923-1924: 335, 1934-1935: 807-808.
Barnhart, J.H., J. New York Bot. Gard. 12: 141-142. 1911.
Cash, E.K., An index to C.L. Shear's Mycological notes, Mycologia 46: 367-371. 1954 (Shear's Mycological notes i-ix, appeared in Mycologia 29-40).
Cattell, J.M., Amer. men sci. ed. 1: 288-289. 1906, ed. 2: 423. 1910, ed. 3: 618. 1921, ed. 4: 884. 1927, ed. 5: 1006-1007. 1933, ed. 6: 1280. 1938, ed. 7: 1606. 1949, ed. 8: 2250. 1949.
Fairchild, D., The world was my garden 405-406. 1938 (work on chestnut blight).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 663. 1985.
Petrak, F., Sydowia 11: 1-17. 1957 (obit., portr., bibl.).
Rickett, H.W., Index Bull. Torrey bot. Club 90-91. 1955.
Rogers, D.P., Brief hist. Mycol. N. America ed. 1: 14, 29-30. 1977, ed. 2. 85 [index]. 1981.
Rogerson, C.T., Mycologia index 1048-1049. 1968.
Shear, C.L., Bull. Div. Agrost. USDA 25: 1-67. 1901 (Field work of the division of Agrostology; review of work 1895-1900); Mycologia 26(3): 201-209. 1934 (Mycology, scientific and otherwise; portr.).
Stevenson, J.A., Taxon 6: 7-9. 1957 (obit., portr.); Mycologia 49: 283-297. 1957 (obit.,

bibl., portr.); Phytopathology 47(6): 321-322. 1957; Beih. Nova Hedw. 36: 386-388. 1971 (New York fungi).
Stieber, M.T., Bull. Hunt Inst. bot. Docum. 2(2): 3, 4. 1980 (portr.).
Verdoorn, F., ed., Chron. bot. 1: 31, 44, 244, 298, 324, 335, 376. 1935, 2: 34, 308. 1936, 3: 27, 56, 325. 1937, 4: 181, 299. 1938, 6: 263. 1941.

COMPOSITE WORKS: (1) With F.E. Clements [1874-1945], *Gen. fung. ed. 2*, 1932, co-author, see TL-2/1142.
(2) Founder (1893) and first editor of the *Asa Gray Bulletin* (n.s. vol. 1, 1952 is dedicated to C.L. Shear; see tribute in 1(4): 344-348. 1952, portr.).
(3) Associate editor *Mycologia* 1909-1932.
(4) Editor, with A.H.R. Buller of the English translation by W.B. Grove of *Selecta fungorum carpologia* by L.R. & C. Tulasne, q.v.
(5) Co-author, L.H. Pammel, *Grass. Iowa* 2, 1905, see TL-2/7255.

NOTE: Contributions to the history of botany by C.L. Shear and Neil E. Stevens:
(1) *The botanical work of Ezra Michener* [1794-1887], Bull. Torrey bot. Club 44: 547-558. 24 Dec 1917.
(2) *The correspondence of Schweinitz and Torrey*, Mem. Torrey bot. Club 16(3): [i-iv], [119]-300. 16 Jul 1921.
(3) Translation of L.R. and C. Tulasne, *Selecta fungorum carpologia*, see Tulasne.

EPONYMY: *Shearia* Petrak (1924); *Sheariella* Petrak (1952).

11.870. A report upon the *grasses and forage plants of the Rocky Mountain region* ... Washington (Government Printing Office) 1897. (*Grass. forage pl. Rocky Mts.*).
Senior author: Per Axel Rydberg (1860-1931).
Publ.: 1897 (submitted 20 Nov 1896), p. [1]-48. *Copy*: USDA. – Bull. no. 5, U.S. Dept. Agr. Div. Agrostol. – TL-2/9852.

11.871. *Studies on American grasses.* A revision of the North American species of Bromus occurring North of Mexico ... Washington (Government Printing Office) 1900. Oct. (*Stud. Amer. grass.*).
Publ.: 3 Jul 1900 (t.p.), p. [1]-66. *Copies*: BR, G, HH, MO, NY, PH, US, USDA. – Bull. no. 23, U.S. Dept. Agr., Div. Agrostol.

11.872. *Generic nomenclature* ... Reprinted from The Botanical Gazette ... 1902. Oct.
Publ.: Mar 1902, p. 220-229. *Copy*: US. – Reprinted and to be cited from Bot. Gaz. 33(3): 220-229. 1902.

11.873. *Studies of fungous parasites belonging to the genus Glomerella* ... Washington (Government Printing Office) 1913. Oct. (*Stud. Glomerella*).
Co-author: Anna K. Wood.
Publ.: 25 Jan 1913 (date on cover), p. [1]-110, *pl. 1-18. Copies*: FH, MO, Stevenson. – U.S.D.A. Bur. Pl. Industry Bull. 252, 1913. – Rev. Mycologia 5: 171-172. 1913.

11.874. *Cultural characters of the chestnut-blight fungus* and its near relatives ... Washington (Government Printing Office) 1913. Oct.
Co-author: Niels Everett Stevens (1887-1949).
Publ.: 5 Jul 1913, p. [1]-18. *Copy*: FH. – First of three papers in U.S.D.A. Bur. Pl. Industry Circular no. 131.

11.875. *Endothia parasitica* and related species ... Washington, D.C. 1917. Oct. (*Endothia paras.*).
Co-author: Neil Everett Stevens (1887-1949), Ruby Jarvis Tiller (1886-1917).
Publ.: 15 Jan 1917 (p. 1), p. [1]-82, *pl. 1-23* (uncol.). *Copies*: FH, US, USDA. – U.S.D.A. Bull. no. 380, Contr. from the Bureau of Plant Industry. – See ING 1: 616.

11.876. *Studies of the Schweinitz collection of Fungi* ... reprinted from Mycologia, vol. ix, no. 4, July 1917, and no. 6, November 1917.

Co-author: Niels Everett Stevens (1887-1949).
Publ.: Jul and Nov 1917 (in journal), cover-t.p., p. [191]-204, *pl. 8-9*, 333-344. *Copy*: FAS. – Reprinted and to be cited from Mycologia 9(4): 191-204, *pl. 8-9*, Jul 1917, 9(6): 333-344. Nov 1917.

Shecut, John [Linnaeus Edward Whitridge] (1770-1836), American botanist; Dr. med. Philadelphia 1791; practicing physician at Charleston, S.C. 1791-1836. (*Shecut*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB (by J.R. Childs); BM 4: 1912; DAB 17: 53; Jackson p. 362; Lenley p. 469 (Torrey corr.).; LS 24815; ME 1: 229, 3: 653; PR 8651, ed. 1: 9609; Rehder 3: 62; SO add. 786a; Tucker 1: 647.

BIOFILE: Anon., N.Y. Publ. Libr. Bull. 68: 582. 1964; Who was who Amer., Hist. vol. 550. 1967.
A.R.C., Dict. amer. biogr. 17: 53. 1935.
Darlington, W., Reliq. Baldwin. 55. 1843.
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Kelly, H.A., Cycl. Amer. med. biogr. 2: 365-366. 1912.
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Wilson, J.G. & J. Fiske, eds., Appleton's Cycl. Amer. biogr. 5. 489-490. 1888.

EPONYMY: *Shecutia* Nieuwland (1916).

11.877. *Flora carolinæensis*; or a historical, medical, and economical display of the vegetable kingdom; according to the Linnaean, or sexual system of botany. Being a collection or compilation of the various plants hitherto discovered and made known by the several authors on botany, &c. in two volumes. By John L.E.W. Shecut. Vol. i. Charleston (printed for the author, ...) 1806. †. Oct. (in fours). (*Fl. carol.*).
Publ.: 1806 (p. [1]: 1 Jan 1806; came out in parts; legal deposit 8 Jan 1806), p. [i-ii], *pl. 1* (frontisp.), [iii, expl. frontisp.], [1]-579, with text, *pl. 2-4* (uncol.), [580, dir. binder], [3 p. subscr., 2 p. poetry]. *Copies*: FH, HH, KU, MO, NY, PH, USDA.
Ref.: Anon., Med. Repos. 5: 54-56. 1808 (rev.).

Sheldon, Edmund Perry , (1869-1913), American botanist; B.S. University of Minnesota 1894; instructor in botany ib. 1894-1896; botanical explorer and forester in Portland from 1897; studied law later in life; admitted to the bar in California 1910, admitted as attorney in Oregon 1911. (*E. Sheld.*).

HERBARIUM and TYPES: Unknown; material at A, B (mainly destr.), BUF, C, CAL, DS, E, F, GH, L, MANCH, MIN, MO, NY, POM, US, WS. *Field notes* at MIN and US. – *Letters* at G, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 267 (b. 9 Aug 1869); BL 1: 209, 318; Hortus 3: 1204; Lenley p. 367; LS 24816; NW p. 57; Tucker 1: 647; Urban-Berl. p. 397.

BIOFILE: Anon., The Gopher (Univ. Minnesota) 10: 103. 1896.
Cattell, J.M., Amer. men sci. ed. 1: 289. 1906, ed. 2: 424. 1910.
Voss, E.G., Contr. Univ. Mich. Herb. 13: 37-38. 1978 (portr., biogr. details).

11.878. *The forest wealth of Oregon* ... Salem, Oregon (J.R. Whitney, State printer) 1904. (*Forest wealth Oregon*).
Publ.: 1904, frontisp., p. [1]-32, *3 pl. Copy*: USDA. – Louisiana Purchase Exposition, St. Louis, 1904.

Sheldon, John Lewis (1865-1947), American botanist and phytopathologist; public-school teacher in Connecticut 1885-1890; instructor at the Mt. Hermon School 1892-1894; B.S. Ohio Northern University ca. 1894; again teaching in Connecticut public schools 1895-1898; at a state normal school in Nebraska 1899-1900; instructor in botany at the University of Nebraska 1900-1903; Dr. phil. Univ. Nebraska 1903; professor of bacteriology West Virginia University 1903; professor of botany and bacteriology ib. 1907; from 1913-1917 professor of botany; collaborator USDA 1902-1904, 1905-1922. (*J. Sheld.*).

HERBARIUM and TYPES: WVA. – Further material at BPI, CUP, GH, MICH, NEBC, NY. – *Field notes*: WVA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 268 (b. 10 Nov 1865); GR p. 245; Hortus 3: 1204; Kelly p. 213-214; Lenley p. 367; LS 24817-24826, 39217-39223, 41728; Stevenson p. 1258.

BIOFILE: Ammons, V., Bryologist 50: 219-220. 1977 (obit. not.).
Anon., Allg. bot. Z. 5: 151. 1899 (app. Nebraska); Bot. Centralbl. 79: 209. 1899 (app. Nebraska); Castanea 4: 69-74. 1939 (biogr. sketch, bibl.); Rev. bryol. 34: 126. 1906, 37: 135. 1910; Rev. bryol. lichenol. 11: 131. 1938 (notes on publ.); Who's who Amer. 5-15, 1908-1929; Who was who Amer. 3: 778. 1960.
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Humphrey, H.B., Makers N. Amer. bot. 227-228. 1961 (biogr. sketch).
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Millspaugh, C.F., West Virginia Geol. Survey 5(A): 10-11. 1913.
Stevenson, J.A., Mycologia 40: 387-388. 1948 (obit. sketch; d. 15 Jan 1947).

Shepherd, John (1764-1836), British botanist; first curator of the Liverpool Botanic Garden 1802-1836. (*J. Sheph.*).
HERBARIUM and TYPES: LIV; further material at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 268 (d. 27 Sep 1836); BB p. 273-274; BM 4: 1914; Clokie p. 242; Desmond p. 554; Frank 3 (Anh.): 96; Hegi 5(2): 729; IH 1 (ed. 6): 364, (ed. 7): 342.

BIOFILE: Anon., Gard. Mag. 12: 724. 1836 (obit., from Liverpool Mercury, 30 Sep 1836).
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Gager, C.S., Brooklyn Bot. Gard. Rec. 27: 249. 1938.
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Moore, Sp., Fl. Cheshire lxxxviii. 1899.
Stansfield, H., Handb. guide herb. Coll. Liverpool 32-35, 80 [index]. 1935; North West. Natural. 13(1): 10-15. 1938 (Liverpool plants in his herbarium).

COMPOSITE WORKS: Contributed data to W. Withering, *Syst. arr. Brit. pl.*, ed. 5, 1812.

NOTE: John Shepherd's nephew, Henry Shepherd (c. 1783-1858) succeeded him as curator of the Liverpool Botanic Garden (1836-1854). He was one of the first to grow ferns from spores (Trans. Hort. Soc. London 3: 338-341. 1823). For further data see e.g. Desmond p. 554. Henry Shepherd's herbarium is also at LIV.

EPONYMY: *Shepherdia* Nuttall (1818, *nom. cons.*).

11.879. *A catalogue of plants in the Botanic Garden, at Liverpool.* Liverpool (printed by James Smith, ...) 1808. (*Cat. Bot. Gard. Liverpool*).
Publ.: 1808, p. [i]-vii, [viii], [1]-298, [i, err.], map. *Copies*: HU, MO.

Shepherd, Thomas (1779-1835), Scottish nurseryman; emigrated to Sydney, Australia, where he established Darling Nursery in 1827; lectured on horticulture and landscape gardening. (*Th. Sheph.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 269 (d. 30 Aug 1835); Desmond p. 554; HR.

BIOFILE: Ferguson, J.A., Bibl. Australia 7: 277. 1969.
Maiden, J.H., J. Proc. R. Soc. N.S.W. 42: 118. 1908.

NOTE: Thomas William Shepherd (1824-1884), son of Thomas Shepherd, became proprietor of the Darling Nursery at Sydney after his father's death. He collected in N.S.W. and published popular botanical articles.

Sherard, William (1659-1728), British botanist; studied law at Oxford (St. John's College, B.C.L. 1683), botany in Paris (under J.P. Tournefort, 1686-1688) and Leiden (with P. Hermann 1688-1689); in Ireland 1690-1694; D. C.L. Oxford 1694; consul at Smyrna 1702-1716; collecting in Greece and Asia minor; founded a chair of botany at Oxford of which J.J. Dillenius was the first occupant. (*Sherard*).

HERBARIUM and TYPES: OXF, with his library and manuscripts. – Other material in E, P-JU and in the Sloane herbarium (BM, see Dandy 1958), L; a copy of J. Ray, Hist. pl. vols. 1, 2, annotated by Sherard is also at BM. – *Letters* (5 vols.) at Royal Society, London (catalogue A.H. Church, s.d., 4 p.); other letters at G.

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BIOFILE: Allen, D.E., The naturalist in Britain 10, 13, 15, 18, 28, 36, 126. 1976.
Berkeley, E. & D.S. Berkeley, Dr. John Mitchell 11, 93, 99, 125, 237. 1974.
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Druce, G.C., J. Bot. 54: 355-536. 1916 (Sherard's Jersey plants); Bot. Exch. Cl. Brit. Isl. Rep. 7(1): 350-351. 1924.
Druce, G.C. and S.H. Vines, Dillenian herb. xxix-xxxi. 1907.
Ewan, J. & N., John Bannister 484 [index]. 1970.
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Lacroix, A., Figures de savants 4: 126. 1938.
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Lett, H.W., Proc. R. Irish Acad. 32: 67-68. 1914/16 (on mosses collected by S. in Ireland).
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Veendorp, H. & L.G.M. Baas-Becking, Hort. acad. lugd.-bot. 91, 107, 110. 1938.
Woodward, B.B., *in* Hist. coll. BM(NH): 48. 1904 (S. mss in BM(NH).

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(2) Appendix, to J. Ray, *Syn. meth.* 1689, p. 237-239, and *Stirp. eur. Syll.* 398-400. 1694.
(3) See P. Hermann, *Schola bot.* 1689, TL-2/2685. – The author "S.W.A." is commonly supposed to have been W. Sherard, see e.g. B.D. Jackson (1874), p. 136-137 for further details.

HANDWRITING: J.E. Dandy, The Sloane herbarium 1958, fasc. no. 57; Clokie p. 279.

EPONYMY: *Sherardia* Linnaeus (1753); *Sherardia* P. Miller (1754); *Sherardia* Boehmer (1760).

Sherbakoff, Constantine Demetry [Dmitriev] (1878-1965), Russian-born American phytopathologist; at the college of forestry St. Petersburg 1901-1907; to U.S.A. 1907; Dr. phil. Cornell 1915; plant phytopathologist at the Florida Experiment Station 1914-1920; at the Plant Pathology Department and Tennessee Agricultural Experiment Station, Univ. Tennessee 1920-1950. (*Sherb.*).

HERBARIUM and TYPES: CUP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 269 (b. 24 Mai 1878); Bossert p. 364; Hirsch p. 273; Lenley p. 367; Stevenson p. 1258.

BIOFILE: Cattell, J.M. et al., Amer. men sci. ed. 3: 620, 1921, ed. 4: 887. 1927.
Murrill, W.A., Hist. found. bot. Florida 37. 1945.
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11.880. *Fusaria of potatoes* ... Ithaca, New York (published by the University) 1915. Oct. (*Fusaria potatoes*).
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Sherff, Earl Edward (1886-1966), American botanist; Dr. phil. Univ. Chicago 1916; high school teacher at various colleges in Michigan 1907-1912; instructor of botany at Chicago Teachers College 1923; head of the dept. of science ib. 1929-1951; longtime honorary research associate in systematic botany at the Field Museum, Chicago, Ill. (*Sherff*).

HERBARIUM and TYPES: F. – Types indicated in publ.; other material in E, GB, GH, ILL, MO, MSC, PH, US. – *Letters* at G and GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 269 (b. 18 Mai 1886); BM 8: 1186; Bossert p. 364; Hirsch p. 273; Hortus 3: 1204; IH 1 (ed. 1): 25; Langman p. 698-699; Lenley p. 367; MW p. 446, suppl. p. 317; NAF ser. 2. 2: 172-173; NW p. 57; PH 209; Roon p. 103; TL-2/781; Zander ed. 10, p. 716, ed. 11, p. 817.

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Merrill, E.D., Contr. U.S. natl. Herb. 30(1): 274-276. 1947.
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(2) *Editor and author*: *Botanical Leaflets*, a series of studies in the systematic botany of miscellaneous dicotyledonous plants, Chicago Illinois, 1950-1952. (9 nos.).

11.881. The University of Chicago. *Studies in the genus Bidens*. iii. A dissertation submitted to the Faculty of the Ogden Graduate School of Science in candidacy for the degree of doctor of philosophy (Department of botany) ... A private edition distributed by the University of Chicago libraries ... Chicago, 1916. Oct.
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Studies in the genus Bidens: a series of publications in Botanical Gazette (set of reprints at NY):
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2: id. 59: 301-316. Apr 1915; repr. cover-t.p., p. 301-316. *Copy*: B.
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11.882. *New or otherwise noteworthy Compositae*. Contributions from the Hull botanical laboratory 309 ... Reprinted for private circulation from the Botanical Gazette vol. lxxvi, no. 1, September 1903. Oct.
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Publ.: 2 Sep 1932 (t.p.), p. [i-ii], 401-447. *Copy*: B. - Issued and to be cited as Field Mus. Nat. Hist., Bot. 8(6): 401-447. 1932.

11.884. *Revision of Tetramolopium, Lipochaeta, Dubautia and Railliardia* ... Honolulu, Hawaii (Published by the Museum) 1935. Oct.
Publ.: 15 Aug 1935 (p. [ii*]), p. [i*-ii*], i-ii, [3]-136. *Copies*: B, G, HH, M, MO, NY. – Issued as Bernice P. Bish. Mus. Bull. 135, 1935.

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Publ.: 20 Oct 1936, issued and to be cited as from Field Mus. Nat. Hist., Bot. 11(6): [i-ii], 279-475. 20 Oct 1936. – *Copy*: B.
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1: 31 Aug 1937, p. [1]-346, *pl. 1-88* (uncol., author).
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Publ.: 27 Dec 1937, p. [1]-94, *pl. 2-11*. *Copies*: FI, NY. – Preprinted from Ann. Missouri Bot. Gard. 25: 1-94, *pl. 2-11*. 1938.

11.889. *Genus Labordia.* Hawaiian Euphorbiaceae, Labiatae and Compositae ... Botanical Series Field Museum of Natural History ... 1939. Oct.
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Sherrin, William Robert (1871-1955), English taxidermist and botanist; articulator Zool. Dept. BM(NH) 1895-1928; in charge of moss collection, Bot. Dept. ib. 1928-1947; curator South London Botanical Institute 1919. (*Sherrin*).

HERBARIUM and TYPES: BM (orig. K) and SLBI; other material at CGE, DBN.

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BIOFILE: Anon., Brit. Fern Gaz. 8(6): 134. 1955 (obit. not.; d. Mar 1955); Kew Bull. 1948: 157 (Sphagnum herb. to K); Rev. bryol. ser. 2. 2: 166, 209, 217, 238. 1930, 3: 147, 153. 1930, 4: 213. 1931, 11: 127. 1938 (notes on publ.).
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Ref.: Beals, A.T., Bryologist 32: 14. 30 Mar 1929 (rev.).
A.G., J. Bot. 66: 90. Mar 1928 (rev.).

Shibata, Keita (1878-1949), Japanese botanist and biochemist; Dr. phil. Tokyo 1899; Dr. Sci. 1904; professor of botany at Hokkaido University, Sapporo, 1908-1910; studied with Pfeffer at Leipzig 1910-1911; lecturer in plant-biochemistry and physiology at Tokyo University 1910, e.o. professor of botany ib. 1912; ord. professor 1918-1938; director of the Iwata Institute for Plant biochemistry 1938-1949. (*Shib.*).

HERBARIUM and TYPES: Unknown.

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BIOFILE: Anon., Allg. bot. Z. 14: 212. 1908 (app. Sapporo), 28/29: 55. 1925 (app. Tokyo); Ann. Jard. bot. Buitenzorg 45: 42. 1935 (worked in Buitenzorg 1917); Bot. Centralbl. 108: 512. 1908 (app. Sapporo), 113: 560. 1910 (resigns position Sapporo; appointed lecturer Tokyo but goes first to Germany); Hedwigia 48: (141). 1909 (app. Sapporo), 50: (143). 1910 (to Europe), 66: (119). 1926 (app. prof. bot. Univ. Tokyo); Jahrb. Wiss. Bot. 56: 828. 1915 (Schüler Pfeffers); Nat. Nov. 31: 69. 1909 (app. Sapporo); Österr. bot. Z. 58: 495. 1908 (app. Sapporo).
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(2) Founder and first editor of *Acta phytochimica*.
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Shimek, Bohumil (1861-1937), American botanist; civil engineer and naturalist; instructor Iowa City Acad. 1883-1885, id. High School Iowa City 1885-1888, id. in zoo-

logy Univ. Nebraska 1888-1890, instructor at Iowa State University 1890-1893, assistant professor 1893, full professor 1903, id. head of the department of botany and curator of the herbarium from 1914-1932; research professor from 1919-1937; Dr. phil. h.c. Univ. Praha. (*Shimek*).

HERBARIUM and TYPES: IA (over 20.000); other material at F, GH, ILH, ISC, MIN, MO, SIU, US, WET. – *Letters* to W.G. Farlow at FH; to C.H. Weatherby at GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 271 (b. 25 Jun 1861, d. 30 Jan 1937); BL 1: 180, 318; BM 8: 1187; Bossert p. 364; GR p. 245-246; Hirsch p. 273; IF p. 730; IH 1 (ed. 7): 342; NW p. 57; PH 81, 98, 567; Rehder 5: 797; SIA 189, 7082; Tucker 1: 648, 3: 279.

BIOFILE: Anon., Amer. men sci. ed. 1: 291. 1906, ed. 2. 426. 1910, ed. 3. 622. 1921, ed. 5. 1013, 1933; Brit. Mus. gen. cat. print. books 221: 485-486. 1964; Bryologist 40: 48. 1937 (d.); Proc. Iowa Acad. Sci. 44: 31-33. 1937 (obit., portr.); Who's who Amer. 4: 1620-1621. 1906-1907, 5: 1719. 1908-1909, 6: 1740. 1910-1911, 7: 1902. 1912-1913, 8: 2127. 1914-1915, 9: 2232. 1916-1917, 10: 2463-2464. 1918-1919, 12: 2802, 1922-1923, 13: 2905. 1924-1925, 14: 1734. 1926-1927, 17: 2089. 1932-1933, 18: 2155. 1934-1935; Who was who Amer. 1: 1119. 1968.
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Publ.: Apr 1901 (date on cover preprint), p. [i-ii], [139]-170. *Copies*: FH, US. – Preprinted from Bull. Lab. nat. Hist. Univ. Iowa 5(2): 139-170. Mai 1901.

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Publ.: 1 Mai 1915, p. [1]-90, [91, err.], *pl. 1-8*, map. *Copies*: MO, NY, US. – Issued as Bull. Lab. Nat. Hist., Univ. Iowa 7(2): 1-90, [91], *pl. 1-8.* 1915 (for date see Trelease, Bot. Centralbl. 131: 330. 1916).
Additional notes: 1917, cover-t.p., p. [1]-22, *pl. 1-5. Copy*: US. – Reprinted from Bull. Lab. Nat. Hist., Univ. Iowa 7(3): 3-24. 1917 (includes also *The sand flora of Iowa*).

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Publ.: 1921, cover-t.p., p. [230]-242, *pl. 8. Copy*: US. – Reprinted from Proc. Iowa Acad. Sci. 28: 230-241. *pl. 8.* 1921.

Shinners, Lloyd [Herbert] (1918-1971), Canadian born American botanist from 1912 in the United States; Dr. phil. Univ. Wisconsin 1943; botanist with the Milwaukee County Park Board 1944-1945; research assistant at Southern Methodist University; director of the herbarium ib., full professor from 1960; specialist on N. American Compositae. (*Shinners*).

HERBARIUM and TYPES: SMU (over 25.000); library and manuscripts also at SMU. – Other material at DAO, DPU, GB, GH, MIL (orig.), MO, NY, OKLA, RM, US, WIS (orig.). *Manuscripts* and *field notes* at SMU.

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BIOFILE: Anon., Amer. men sci. ed. 9: 1027. 1955, ed. 10: 3709. 1961, ed. 11. 4884. 1967; Michigan Bot. 10: 95. 1971 (obit. not.); Taxon 20: 396. 1971 (d.).
Correll, D.S., Brittonia 23: 101-104. 1971 (obit., portr., personal recollections).
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Mahler, W.F., Sida 4(3): 228-231. 1971 (obit., portr.).
Rowell, C.M., Texas J. Sci. 24: 266-271. 1972 (in memoriam; quotations from S.'s work).
Shinners, L.H. Personal communication to senior author. 11 Feb 1957.

COMPOSITE WORKS: Founder of *Sida*, editor vols. 1-4(2).

NOTE: Major publication: *Spring flora of the Dallas-Fort Worth Area*; Texas, Dallas, Texas 1958, v, 514, p., 11 p.

EPONYMY: *Shinnersia* R.M. King et H.E. Robinson (1970); *Shinnersoseris* A.S. Tomb (1974).

Shipley, Arthur Everett (1861-1927), British phytopathologist and entomologist; studied at Christ's College, Cambridge, fellow 1887, master 1910-1927; demonstrator comparative anatomy Univ. Cambridge 1886; lecturer 1894, reader in zoology 1908-1920. (*Shipley*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 1915; Biol.-Dokum. 16: 8651; BM 4: 1915-1916, 8: 1187; DBN 1922-1930: 768-771; LS 24836-24837a; SO 81; Tucker 1: 648.

BIOFILE: Anon.,Cat. gén. livr. Bibl. natl., Paris, auteurs 172: 142-143. 1938; Who's who 1898-1927; Who was who 1916-1928: 956-957. 1929; Who's who in science international 1912-1914.
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Stearn, W.T., Nat. hist. Mus. S. Kensington 103, 117, 217, 240-241. 1981.

COMPOSITE WORKS: (1) Editor, with Sydney Frederick Harmer, of *The Cambridge natural history*, 10 vols., 1895-1909; reissue 1936; reprint 1958-1959.
(2) Editor and founder of *Parasitology* 1(1908)-x.
(3) Co-editor with John Edward Marr (1857-?) of *Handbook to the natural history of Cambridgeshire*, 1904 (preface Jun 1904), p. [i]-vi, [viii], 1-260, 2 maps; *The flora of the Cambridge district* by A. Wallis on p. 209-237.

Shirai, Mitsutaro ("Kotaro") (1863-1962), Japanese botanist (mycologist); studied in Germany; ultimately at the Agronomical Institute of the University of Tokyo. (*Shirai*).

HERBARIUM and TYPES: TI. – Duplicates at B (mainly destr.). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 231, 323, 347; Barnhart 3: 272 (d. 30 Mai 1932); Bossert p. 365; GR cat. p. 71; Hirsch p. 273; Hortus 3: 1204; LS 24838-24862, 39229; MW p. 448-449; Stevenson p. 1258; Urban-Berl. p. 282, 397.

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Ed. [*1*]: 1905 (Bot. Centralbl. 8 Mai 1906), p. [i-ii], 1-2, [1]-124, one-sided, [1]-12, [1]-8, [1]-5, [1]-[3], 1-2. *Copy*: FH.
Ed. [*2*]: 1917, p. [i-iv], [1]-733, 1-70, 1-40, [1]-2, [1]-19. *Copy*: USDA.
Ed. 3: 1927, p. [i-vi], [1]-448, 1-14, [1]-30, [1]-12, [i-iv, err.]. *Copies*: FH, Stevenson. – "Revised and enlarged by Kanesuke Hara (third edition) 1927".

Shirasawa, Homi [Yasuyoshi] (1868-1947), Japanese dendrologist; inspector of forests at the Ministry of agriculture and commerce; director of the Forestry Experiment Station 1913-1932. (*Shiras*).

HERBARIUM and TYPES: Some material at A and B (destr.).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 272; Biol.-Dokum. 16: 8651; BJI 2: 165; Hortus 3: 1204; IH 2: (files); MW p. 449-450; Rehder 5: 797; Tucker 1: 648, 2: xxxv, 3: 279; Urban-Berl. p. 397; Zander ed. 10, p. 716, ed. 11, p. 817.

BIOFILE: Anon., Jap. biogr. encycl. ed. 3: 1436. 1964; Who's who Japan ed. 11: 450. 1926-1927.

11.900. *Die Japanischen Laubhölzer im Winterzustande.* Bestimmungstabellen ... [Tokyo, Komaba, 1895].
Publ.: Dec 1895, Imperial University [Tokyo], College of Agriculture Bull. 2(5): [229]-300, *pl. 1-13* (= 5-17) (uncol.). Dec 1895. *Copies*: B, G, HH, NY.

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1: 1900, p. 1-133 [text, *pl. 1-88*].
2: 1908, p. 1-180 [text, fide MW], *pl. 1-74* (no copy with text seen).

Copies: B-G, HH, USDA (plates only). – Atlases folio size, text quarto. – The USDA copy has only a Japanese t.p.
Other edition: 1914(?), undated. *Copies*: BR, USDA. – "Icones of the forest trees of Japan ..."
1: [1-232], *pl. 1-88* (some col.), [1-12].
2: [1-232], *pl. 1-74* (id.), [1-14].

Shirley, John F. (1849-1922), British-born naturalist and educationist; B.Sc. Univ. London; school teacher in Birmingham; to Queensland 1878; headmaster at Roma, Qld. 1878; inspector of schools 1879, senior inspector 1909; principal of the Teacher's Training College, Brisbane 1914-1919; Dr. Sci. Univ. Sydney 1912. (*Shirley*).

HERBARIUM and TYPES: NSW; further material in A, BRI, CAIRNS, MEL, PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 272 (b. 11 Aug 1849, d. 4 Apr 1922); BL 1: 70, 318; BM 4: 1916; Desmond p. 556; GR p. 380, cat. p. 71; HR, LS 24857-24862; SBC p. 132; Tucker 1: 648.

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Publ.: In Proc. R. Soc. Queensland 5(3): [78]-110, *1 pl.* 1888, 6(1): [3]-54, *pl. 1-2*, 6(4): 129-154, 6(5): 165-218. 1889, 6(6): [159]-197, [i]-v. 3 Oct 1889.
Additions: ib. 5(1): 7-10. 1888, 5(2): 72-75. 1888, 6(2,3): 115-116. 1889. – Nat. Nov. Jan(1) 1897 mentions "The lichen flora of Queensland. Brisbane 1895. 8, 203 pg." not seen by us.

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Publ.: 1892, p. [1]-4. *Copy*: FH. – Reprinted and to be cited from Proc. Roy. Soc. Queensland 8(4): 132-135. 1892.

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Publ.: Dec 1892, p. [1]-13. *Copy*: G. – Preprinted from Pap. Proc. Rep. R. Soc. Tasmania 1892: 179-191. 1893.

Shockley, William Hillman (1855-1925), American mining engineer and plant collector; Mass. Inst. Technol. grad. 1875; in the Nevada silver fields at Candelaria Nevada 1880-1893; travelled widely; retirement to California in 1913. (*Shockley*).

HERBARIUM and TYPES: JEPS; other material in A, BM (material from China and Siberia), DAO, DS, F, GH, MICH, NY, PH, U, UC and US. – Some *letters* at GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 272 (b. 18 Sep 1855, d. 26 Mai 1925); Bossert p. 365; IH 2: (files).

BIOFILE: Anon., Engineering and Mining Journal-Press 119(25): 1024. 1925 (obit., portr.); Who's who sci. 1912: 245. 1913: 449, 1914: 525.
Barneby, R.C., Mentzelia 3: 19. 1977 (on Nevada collections; eponymy).
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Jepson, W., Madroño 2: 26-28. 1931 (obit., portr.).
Reveal, J., *in* A. Cronquist et al., Intermountain flora 1: 59. 1972.

Shoolbred, William Andrew (1852-1928), British surgeon and amateur botanist; house surgeon at St. Bartholomew's Hospital; from 1878 at Chepstow as practicing physician. (*Shoolbred*).

HERBARIUM and TYPES: NMW (ca. 10.000); duplicates at BEL, BIRA, BM, E, MANCH, OXF, PSGB, RAINE, THO.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 273 (b. 11 Mar 1852, d. 25 Jan 1928); BL 2: 258; BM 4: 1916; Clokie p. 243; CSP 18: 732; Desmond p. 556-557; IH 1 (ed. 2): 39, (ed. 3): 45, (ed. 6): 364, (ed. 7): 342, 2: (files).

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Ref.: Wernham, H.F., J. Bot. 58: 178-180. Jul 1920 (rev.).

Shope, Paul Franklin (1894-x), American mycologist; MS Univ. Colorado 1925; Dr. phil. Washington Univ. 1931; instructor, subsequently professor of botany at the University of Colorado 1923-1943. (*Shope*).

HERBARIUM and TYPES: COLO; other material MICH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 273 (b. 3 Feb 1894); Ewan ed. 1: 134, 302, 304, ed. 2: 201-202; Stevenson p. 1258.

BIOFILE: Cattell, J.M. & J., eds., Amer. men sci. ed. 5: 1015. 1933, ed. 6: 1291. 1938, ed. 7: 1619. 1944.
Shope, P.F., Mycologia 21: 292-296. 1929 (history of mycological collectors in Colorado); Biol. News-Letter Univ. Colorado 6(2): 73. 1933 (on mycol. herb. COLO).

11.906. *The Polyporaceae of Colorado* ... Ann. Mo. Bot. Gard., vol. 18, 1931. Oct.
Publ.: 28 Oct 1931, cover-t.p., p. 287-456, *pl. 16-39*. *Copy*: G. – Preprinted or reprinted from Ann. Missouri Bot. Gard. 18: 287-456. 1931. – Thesis for Dr. phil. Washington Univ., St. Louis.

Short, Charles Wilkins (1794-1863), American botanist and physician; Dr. med. Univ. Pennsylvania 1815; practiced at Lexington and Hopkinsville, Kentucky 1816-1825; professor of materia medica and medical botany Transylvania University, Lexington, Kentucky, 1825; dean of the medical dept. ib. 1828-1837; dean of the

Louisville Medical Institute, 1838-1849; in retirement at his estate "Hayfield" south of Louisville. (*Short*).

HERBARIUM and TYPES: PH (15.000; acq. 1864); further material at BM(406), CGE, CINC, CM, DWC, E, F, GH, H, K, KNOX, KY, M, MANCH, MICH, MO, NY, OXF, P, TCD (lich.), UC, US, W, WIS. – *Letters* at G and GH.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 531; Barnhart 3: 273 (b. 6 Oct 1794, d. 7 Mar 1863); BM 4: 1916; Bossert p. 365; DAB 17: 127-128; Herder p. 77; IH 1 (ed. 7): 342, 2: (files); Jackson p. 6, 218, 363; Lasègue p. 349; Lenley p. 469 (corr. Torrey); ME 1: 229, 3: 654; PH 364, 567; PR 8654; Rehder 5: 797; SIA 221; Tucker 1: 145, 648-649, 3: 279.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2090. 1878.
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COMPOSITE WORKS: Editor, with John Esten Cooke, of vols. 1-4, 1828-1831, of *Transylvania Journal of medicine and the associate Sciences*, Lexington (*copy* at PH).

HANDWRITING: Bartonia 28: *pl. 8.* 1957.

EPONYMY: *Shortia* Rafinesque (1840, *nom. rej.*); *Shortia* Torrey et A. Gray (1842, *nom. cons.*); *Shortiopsis* Hayata (1913).

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Copy (journal issue): MICH.
Facsimile ed., in R.L. Stuckey, ed., Sci. publ. C.W. Short 1978.

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Publ.: Feb 1828, p. 92-99, in journal as above. No copy with separate pagination seen by us; journal issue seen at HH, MICH. – Davies (1945), no. 1.
Facsimile ed. in R.S. Stuckey, ed., Sci. publ. C.W. Short 1978.

11.909. *Catalogue of the native phaenogamous plants and ferns of Kentucky.* From the Transylvania Journal of Medicine, &c. Lexington, Ky. (printed by J. Clarke & Co.) 1833. Oct.
Co-authors: Robert Peter (1805-1894), Henry A. Griswold (*fl.* 1835).
Publ.: Dec 1833 (in journal), p. [1]-14. *Copies*: HH, MO, PH; – Reprinted and to be cited from Transylv. J. Med. 6(4): 490-501. Dec 1833. – Davies (1945) no. 17.
Suppl. cat.: id. 7(4): [598]-600. Dec 1834. – "A supplementary catalogue of the plants of Kentucky. By professors Short and Peter". – Davies (1945) no. 18.
Second suppl. cat.: Dec 1835 (in journal), p. [1]-8. *Copies*: HH, MO. – Reprinted and to be cited from id. 8(4): 575-582. Dec 1835. – "A second supplementary catalogue, of the plants of Kentucky. [From the Transylvania Journal of Medicine, &c., no. xxxii]". – Davies (1945) no. 21.
Third suppl. cat.: Sep 1837 (in journal), p. [335]-340. *Copies*: HH, MO. – Id. 10(3): [435-440]. Sep 1837. – "A third ... Kentucky. By C.W. Short, ... [From the Transylvania ... vol. x]". – Davies (1945) no. 23.
Fourth suppl. cat.: Sep 1840, p. [1]-6. *Copy*: HH. – Reprinted and to be cited from West. J. Med. Surg. 2: 283-288. 1840. – Davies (1945) no. 27.
Copies of journal publ.: MICH.
Facsimile ed.: in R.L. Stuckey, ed., Sci. publ. C.W. Short.

11.910. *A sketch of the progress of botany in Western America* ... Lexington, Ky. (J. Clarke & Co. ...) 1836. Oct.
Publ.: Aug 1836 (p. 30: Aug 1836; journal issue for Aug 1836), p. [1]-30. *Copies*: MO, PH. –Reprinted from the Transylv. J. Med. assoc. Sci. 9(2): 324-350. 1836. – Also in W.J. Hooker, J. Bot. 3: 97-124. 1841. – Davies (1945) no. 22.
Facsimile ed.: in R.L. Stuckey, ed., Sci. publ. C.W. Short 1978.

11.911. Art. i. – *Observations on the botany of Illinois*, more especially in reference to the autumnal flora of the prairies. In a letter to Daniel Drake, M.D. &c. ... From the Western Journal of medicine and Surgery; ... March 1845. Oct.
Publ.: Mar 1845 (on t.p. reprint), p. [1]-14. *Copies*: MO, PH. – Reprinted (or preprinted) from West. J. med. Surg. ser. 2. 3(3): 185-198. 1845. – Davies (1945) no. 28.
Facsimile ed. in R.L. Stuckey, ed., Sci. publ. C.W. Short 1978.

11.912. *Scientific publications of Charles Wilkins Short* edited with an introduction by Ronald L. Stuckey. New York (Arno Press ...) 1978. Oct.
Publ.: 1978, p. [i*-iv*, introd. by R.L. Stuckey], i-xi, followed by facsimile reprints of Short's publications on floristic and medical botany, botanical nomenclature, history and bibliography, biographical sketches and public lectures to medical students, preceded by a facsimile of S.D. Gross, Obituary notice of Charles Wilkins Short, M.D., Proc. Amer. philos. Soc. 10: 171-186. 1865 (1869). – ISBN 0-405-10721-8. *Copy*: G.

Showalter, Amos Martin (1891-1968), American cytologist, geneticist and hepaticologist; Dr. phil. Univ. Wisconsin 1922; assistant for botany, Univ. Wisconsin 1919-1922; exchange fellow Relief Belgium Educ. Found. 1922-1924; Natl. Res. Council Fellow 1924-1927; assistant professor of botany Washington University, St. Louis 1928-1930; associate professor of biology, Bridgewater College, Va., 1931, regular professor 1932; at Harrisburg State Teachers College (Madison College) 1934-1960. (*Showalter*).

HERBARIUM and TYPES: Some material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 273 (b. 15 Dec 1891); IH 2: (files).

BIOFILE: Anon., Bridgewater College Catalogue 1931-1932: 11; Rev. bryol. lichénol. ser. 2. 2: 249. 1929 (1930), 4: 52. 1931 (notes on publ.).
Cattell, J.M. & J., eds., Amer. men sci. ed. 5: 1016. 1933, ed. 6: 1292. 1938, ed. 7: 1620. 1944, ed. 8: 2268. 1949, ed. 9: 1029. 1955, ed. 10: 3718. 1961.
Jopson, H.G.M., *in lit.* 18 Oct 1983 (b. 15 Dec 1891, d. 11 Nov 1968).
Schuster, R.M., Hep. Anthoc. N. Amer. 1: 100. 1966 (bibl.).
Verdoorn, F., ed., Man. bryol. 485 [index]. 1932; Chron. bot. 3: 368. 1937, 4: 285. 1938.

11.913. Studies in the cytology of the Anacrogynae. – v. *Hybrid fertilization in Riccardia* pinguis ... (Reprint from the Review "La Cellule", p. xxxviii, 3e fascicule) [1928]. Oct. *Publ.*: 1928, p. [1]-56, [57, cont.], *pl. 1-5* (uncol.) *Copy*: FH. – Reprinted and to be cited from Cellule 38: 295-348, *pl. 1-5*. 1928.
Studies in the cytology of the Anacrogynae: (1) in Ann. Bot. 40: 691-707. 1926, (2) ib. 40: 713-726, *pl. 25-27*. 1926, (3) ib. 41: 37-46, *pl. 5-6*. 1927, (4) ib. 41: 409-417, *pl. 19-21*. 1927.

Shreve, Forrest (1878-1950), American botanist and ecologist; AB Johns Hopkins Univ. 1901; Dr. phil. ib. 1905; instructor bot. Cold Spring Harbor 1904-1905; at the Cinchona, Jamaica Botanical station 1905-1906; associate professor of botany at Goucher College, Maryland, 1906-1908; with the Tucson, Arizona Desert Laboratory of the Carnegie Institution of Washington 1909-1947; in charge of the desert investigations of the Carnegie Institution 1928-1932; from 1932 head of the Tucson laboratory and working especially on the floristics of the Sonoran desert. (*Shreve*).

HERBARIUM and TYPES: ARIZ (ca. 30.000); other material in AMES, ASUF, CM, DS, F, GH, MICH, MIN, MO, NY, PH, RSA, UC, US, WELC. – *Note books* Jamaica 1905-1906 in NY; other field notes at ARIZ; *letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 273 (b. 8 Jul 1878, d. 19 Jul 1950); BJI 2: 164; BL 1: 186, 318; BM 8: 1188; Bossert p. 365; Hortus 3: 1204; IH 1(ed. 6): 364, (ed. 7): 342; 2: (files); Langman p. 700; Lenley p. 368; NW p. 57; PH 209, 450, 939; SIA 221, 225, 7277, (HI 107); Tucker 1: 649, 3: 280.

BIOFILE: Anon., Natl. Cycl. Amer. Biogr. F (1939-1942): 446-447. 1942, 40: 406. 1955 (biogr., portr.); Who's who Amer. 10-25, 1918-1919; Who was who Amer. 3: 783. 1960.
Barnhart, J.H., J. New York Bot. Gard. 12: 142. 1911 (biogr. data; hon. asst. at NYBG station at Cinchona 1905-1906).
Cattell, J.M., ed., Amer. men sci. ed. 1: 291. 1906, ed. 2: 427. 1910, ed. 3: 624. 1921, ed. 4: 893. 1927, ed. 5: 1017. 1933, ed. 6: 1293. 1938, ed. 7: 1621. 1944, ed. 8: 2269. 1949.
Ewan, J. et al., Short hist. bot. U.S. 120, 121, 127. 1969.
Humphrey, H.B., Makers N. Amer. bot. 230-231. 1961.
Humphrey, H.H. & J.L. Wiggins, Science 114: 569-570. 1951 (obit.).
Knobloch, I.W., Pl. coll. N. Mexico 64. 1979 (itin. N. Mexican travels); Phytologia Mem. 6: 89. 1983 (coll. Mexico).
McVaugh, R., Contr. Univ. Mich. herb. 9: 311. 1972 (Mexican trip).
Shantz, H.L., Ecology 32(3): 365-367. 1951 (obit., portr., bibl.).
Stieber, M.T. et al., Huntia 4(1): 86. 1981 (archival mat. HU).
Verdoorn, F., ed., Chron. bot. 6: 18.141. 1941, 7: 35, 43, 164. 1943; Man. pterid. 639 [index]. 1938.

COMPOSITE WORKS: (1) With I.L. Wiggins (q.v.) *Vegetation and flora of the Sonoran Desert*, 2 vols., x, 1740 p., 27 maps, *37 pl.*, 20 Feb 1964. – See Taxon 13: 147. 1964.
(2) Shreve published *A map of the vegetation of the United States*. 12.5 × 20.0 in., Feb 1917 issued with Geogr. Rev. 3: 119-125. 1917; see e.g. R.M. Harper, Torreya 17(6): 103-107. 13 Jan 1917.
(3) With J.C.Th. Uphof, *Sarraceniaceae in* E. Hannig & H. Winkler, ed., *Die Pflanzenareale* ser. 3(1): *pl. 1-3*. 1931.

11.914. *The development and anatomy of Sarracenia purpurea.* Contributions from the Botanical Laboratory of the Johns Hopkins University, no. 5 (with plates iii-v). Printed at the University of Chicago Press. 1906. Oct.
Publ.: Aug 1906, cover-t.p., p. 107-126, *pl. 3-5*. *Copies*: B, US. – Reprinted and to be cited from Bot. Gaz. 42: 107-126, *pl. 3-5*. August 1906.

11.915. *The plant life of Maryland* ... Baltimore (The Johns Hopkins Press) 1910. Oct. (*Pl. life Maryland*).
Co-authors: Mintin Asbury Chrysler (1871-?), Frederick Harvey Blodgett (1872-1926), Fred Wilson Besley (1872-?).
Publ.: 1910 (p. [5]: 1 Dec 1909; Bot. Centralbl. 6 Sep 1910; Nat. Nov. Jan(1) 1911), p. [1]-533, *pl. 1-39* (photos). *Copies*: Ewan, G, MO, NY, PH, USDA; IDC 7619. – Maryland Weather Service, Special publications vol. 3.
Facsimile ed.: 1969, p. [1]-533, *pl. 1-39*. *Copy*: FAS. – Reprints of US-floras, volume 5, 3301 Lehre (Verlag von J. Cramer) 1969, p. [1-2] have new text: t.p. and imprint, p. [3]: 1910 t.p. – See Taxon 19: 135. 1970. – ISBN 3-7682-0626-2.
Ref.: Harper, R.M., Torreya 11: 36-42. 14 Feb 1911 (rev.).

11.916. *A montane rain-forest*, a contribution to the physiological plant geography of Jamaica ... Washington, D.C. (Published by the Carnegie Institution of Washington) 1914. Oct. (*Montane rain-forest*).
Publ.: 12 Sep 1914 (several copies so stamped), p. [1]-110, *pl. 1-29*. *Copies*: MO, NSUB, Univ. Illinois, US. – Carnegie Inst. Washington publ. 199.
Ref.: Diels, L., Bot. Jahrb. 52 (Lit.): 64-65. 3 Aug 1915 (rev.).
Harshberger, J.W., Bot. Centralbl. 128: 507-508. 1915 (rev.).
Taylor, N., Torreya 15: 53-55. 15 Apr 1915 (rev.).

11.917. *The vegetation of a desert mountain range* as conditioned by climatic factors ... Washington, D.C. (published by the Carnegie Institution of Washington) 1915. Oct. (*Veg. desert mount.*).
Publ.: 28 Oct 1915 (stamp on p. 2), p. [1]-112, *pl. 1-36* (photos). *Copies*: MO, MICH.
Ref.: Harshberger, J.W., Bot. Centralbl. 134: 140-141. 29 Feb 1917 (rev.).

11.918. *The Cactus* and its home, ... Baltimore (The Williams & Wilkins Company) 1931. (*Cactus*).
Publ.: Dec 1931 (p. ii: date publ.; US copy rd 5 Jan 1932), p. [i]-ix, 1-195. *Copies*: MO, US.

11.919. *The plant life of the Sonoran Desert* ... Issued by Office of publications Carnegie Institution of Washington, Washington, D.C. April 15, 1936. Oct. (*Pl. life Sonoran Des.*).
Publ.: 15 Apr 1936, cover, 1-19. *Copy*: NY. – Carnegie Inst. Washington, suppl. Publ. 22.

Shriver, Howard (1824-1901), American botanist. (*Shriver*).

HERBARIUM and TYPES: Most collections went to Johns Hopkins and were dispersed after the suppression of botany at that University (inf. C. Reed); material at B (mainly destr.), E, GH, MICH, US, WELC, YU. – *Letters* at GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 273 (b. 8 Nov 1824, d. 15 Feb 1901); BL 1: 186, 318; Morren ed. 10, p. 132; Tucker 1: 649; Urban-Berl. p. 397.

11.920. *Catalogue of plants in herbarium of Howard Shriver* Wytheville, Wythe Co., Virginia ... Philadelphia (printed by Spangler & Davis) 1884. Oct. (*Cat. herb. Shriver*).
Publ.: 1 Sep 1884 (t.p.), p. [1]-31. *Copy*: USDA.

11.921. *List of wild flowers and trees in vicinity of Cumberland, Maryland.* With time of blooming, and locality, where found, and references to Gray's and Wood's botanies for descriptions ... Cumberland, Md. (printed for the author) 1901. (*List fl. Cumberland*).
Publ.: 1901, p. [1]-38. *Copies*: USDA; Clyde F. Reed.

Facsimile ed.: 1982 Lancaster, Pa. (Press of the New Era Printing Company), edited by E.W. Reynolds; p. [1]-38. *Copy*: FAS.

Shull, Charles Albert (1879-1962), American botanist (plant physiologist); Dr. phil. Chicago 1915 (B.S. 1905); assistant professor of botany at Transylvania University, Kentucky 1906-1908; professor of biology and geology ib. 1908-1912; assistant professor of botany Kansas Univ. 1912-1915; assoc. prof. ib. 1915-1918; professor of plant physiology and head of the botany department University of Kentucky 1918-1921; associate professor of plant physiology Univ. Chicago 1921-1925; professor of plant physiology ib. 1925-1944. (*C. Shull*).

HERBARIUM and TYPES: Some material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: (b. 19 Jan 1879, d. 22 Sep 1962); Hortus 3: 1204.

BIOFILE: Anon., New York Herald Tribune 24 Sep 1962, p. 24 (cutting at NY); New York Times 24 Sep 1962; Who's who Amer. 10-32, 1918-1963; Who was who Amer. 6: 375. 1977.
Browne, E.T., Trans. Kentucky Acad. Sci. 25: 78. 1965 (Shull at Transylvania Coll., Kentucky).
Bullock, A.A., Bibl. S. Afr. bot. 106. 1978.
Cattell, J.M. et al., Amer. Sci. ed. 3: 625. 1921, ed. 4: 893. 1927, ed. 5: 1017. 1933, ed. 6: 1294. 1938, ed. 7: 1623. 1944, ed. 8: 2271. 1949, ed. 9(2): 1030. 1955.
Loomis, W.E. & C.E. Hartt, Plant Physiol. 39(2): 137-138. 1964 (obit., portr.).

COMPOSITE WORKS: Founder and editor-in-chief Plant Physiology 1-19, 1926-1944.

FESTSCHRIFT: Vol. 20, 1945, of Plant Physiology is dedicated to C.A. Shull.

Shull, George Harrison (1874-1954), American botanist and geneticist; Dr. phil. Chicago 1904; assistant Bureau Forestry USDA 1901; id. U.S. Natl. Mus. 1902; bot. expert USDA 1902-1904; assistant plant physiology Univ. Chicago 1903-1904; botanical investigator Carnegie Institution, Station for Experimental Evolution, Cold Spring Harbor, Long Island 1904-1915 (discovered and analysed the phenomenon of hybrid vigor in maize breeding); professor of botany and genetics, Princeton Univ. 1915-1942. (*Shull*).

HERBARIUM and TYPES: US; further material at MO and NY. – *Field notes* at US, *letters* to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 274 (b. 15 Apr 1874, d. 29 Sep 1954); Biol.-Dokum. 16: 8653; BJI 2: 164; BM 4: 1919, 8: 1198; Bossert p. 365; Hirsch p. 274; IH 2: (files); Lenley p. 368; PH 59, 309, 450, 939; SIA 221, 225; TL-2/5163, 5164; Tucker 1: 649.

BIOFILE: Anon., Bot. Centralbl. 95: 448. 1904 (to Cold Spring Harbor 1 Mai 1904); Hedwigia 41: (143). 1902 (app. ass. U.S. natl. Herb.); Natl. Cycl. Amer. Biogr. A: 126. 1930; New York Herald Tribune 30 Sep 1954, p. 26 (obit.).; New York Times 30 Sep 1954; Österr. bot. Z. 65: 359. 1915 (to Princeton); Time 64: 113. 1954 (obit. not.); Who's who Amer. 5-28, 1908-1955; Who was who Amer. 3: 784. 1960.
Cannon, G.G., Great men of modern agriculture 201, 216, 218, 221, 222-224, 228. 1963.
Cattell, J.M., ed., Amer. men Sci. ed. 2: 427. 1910, ed. 3: 625. 1921, ed. 4: 893-894. 1927, ed. 5: 1017-1018. 1933, ed. 6: 1294. 1938, d. 7: 1623. 1944, ed. 8: 2271. 1949.
Crab, A.R., The hybrid-corn makers, New Brunswick 1947, xxv, 331 p.
Ewan, J. et al., Short hist. bot. U.S. 64. 1969.
Glass, B., Proc. Amer. philos. Soc. 124: 133-153. 1910 ("the strange encounter of Luther Burbank and George Harrison Shull").
Harland, S.C., Nature 175: 62. 1955 (obit. not.).
Mangelsdorf, P.C., Genetics 40(1): 1-4. 1955 (obit., portr.).

Riley, H.P., J. Heredity 46: 64-66. 1955 (obit., portr.).
Riles, H.P., Bull. Torrey bot. Club. 82: 243-248. 1955 (obit., portr.).
Rodgers, A.D., Liberty Hyde Bailey 316-317, 321-327, 329, 485. 1949 (history discovery heterosis; corn breeding experiments; was possibly the first to use the word "gene" in the English language).
Rudorf, W., Ber. deut. bot. Ges. 68a: 237-244. 1955 (obit., portr., bibl.; proposed concept of "heterosis" in 1914 in a lecure at Göttingen).
Verdoorn, F., ed., Chron. bot. 2: 42, 319, 361. 1936, 3: 31, 282. 1937, 4: 562. 1938, 5: 119, 302, 494, 520. 1939, 7: 138, 185, 235. 1943.

COMPOSITE WORKS: (1) Founder and editor of *Genetics* 1-10, 1916-1925; on editorial board until 39, 1954.
(2) With D.T. MacDougal (q.v.), Anna Murray Vail (1863-1955) and John Kunkel Small (1869-1938), *Mutants hybrids. Oenoth.* 1905, TL-2/5163.
(3) With D.T. MacDougal (q.v.) and Anna Murray Vail (1863-1955), *Mutations variations Oenoth.* 1907, see TL-2/5164.

11.922. *A quantitative study of variation in the bracts, rays and disk florets of Aster shortii* Hook., A. novae-angliae L., A. puniceus L., and A. prenanthoides Muhl., from Yellow Springs, Ohio ... Yellow Springs, Ohio (reprinted from the American Naturalist, ...) 1902. Oct.
Publ.: Feb 1902, cover-t.p., p. 111-152. *Copy*: US. – Reprinted and to be cited from Amer. Natural. 36: 111-152. 1902.

11.923. *Stages in the development of Sium cicutaefolium* ... Washington, D.C. (Published by the Carnegie Institution of Washington) 1905. Oct.
Publ.: Mai 1905, p. [1]-28, *pl. 1-7. Copies*: B, F, GB, MO, NSUB, U, Univ. Illinois, US. – Carnegie Institution of Washington, Publ. 30.

11.924. *Elementary species and hybrids of Bursa* Reprinted from Science, N.S. Vol. xxv, no. 641 ... 1907. Oct.
Publ.: 12 Apr 1907, p. 1-4. *Copies*: B, G. – Reprinted and to be cited from Science ser. 2, 25(641): 590-591. 1907. – See also his "*Bursa Bursa-pastoris and Bursa Heegeri*: biotypes and hybrids", Carnegie Inst. Washington Publ. 112, 57 p. 1909.

11.925. *A pure-line method in corn-breeding* ... Reprinted from American Breeders Association ... 1909. Oct.
Publ.: Mai 1909, cover-t.p., p. [51]-59. *Copy*: B. – Reprinted from Amer. Breed. Ass. 5: 51-59. 1909. – For the numerous papers on plant breeding by G.H. Schull, see the bibliography by Rudorf (1955).

11.926. *Bursa Bursa-pastoris and Bursa Heegeri biotypes and hybrids* ... Washington, D.C. (Published by the Carnegie Institution of Washington) 1909. Oct. (*Bursa Bursa-pastoris*).
Publ.: 1909 (US rd 13 Aug 1909), p. [1]-57. *Copy*: US. – Publ. Carnegie Inst. Washington no. 112. 1909.

Shultz [Schultz], **Benjamin** (1772-1814), American physician; Dr. med. Univ. Pennsylvania 1795; engaged in medicinal experimentation on a balsam farm, in Hereford Twp., Berks Co. (Northampton Co.), Pa. until ca. 1806; subsequently at or near Middelberg, Snyder Co., Pa. (*Shultz*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ME 2: 15, 3: 359.

BIOFILE: Berky, A.S., An account of Dr. Benjamin Schultz of Pennsylvania, physician, botanist and philosopher 1772-1814. The Schwenkfelder Libr., Pennsburg. Pa. 1952, 27 p.
Brecht, S.K., ed., Genealogical record of the Schwenkfelder families 940-942. 1923 (biogr. details) (reference courtesy of Claire Conway, Schwenkfelder Library, Pennsburg, Pa.).

EPONYMY: *Shultzia* Rafinesque (1808, *nom. rej.*).

11.927. An inaugural botanico-medical dissertation on the *Phytolacca decandra* of Linnaeus ... Philadelphia (printed by Thomas Dobson ...) 1795. Oct. (*Phytolacca dec.*). *Publ.*: 1795 (submitted for Dr. med. 21 Mai 1795), frontisp. (uncol. copp. William Bartram), p. [i-viii], [1]-55. *Copies*: HU, NY, PH, Schwenkfelder Hist. Libr., Pennsburg, Pa.(2). – See HU 740. – Dedicated to Caspar Wistar (1761-1818), Amer. philos. soc. (epon.: *Wistaria*) and to Benjamin Smith Barton (1766-1815).

Shuttleworth, Robert James (1810-1874), British botanist and conchologist; studied medicine in Genève and Edinburgh, 1830-1832; lived in Bern, Switzerland 1833-1866 and Hyères, France 1866-1874, building up an important herbarium. (*Shuttleworth*).

HERBARIUM and TYPES: BM (170.000 incl. herb. J.J. Roemer); other material attributed to Shuttleworth mostly came from his herbarium duplicates; Shuttleworth himself collected relatively few plants (e.g. in Ireland 1831, Switzerland and S. France). Material (in part ex herb.) in: AK, BERN, CGE, DBN, DPU, E, EBH, FI, FRS, G, K, KIEL, L, MANCH, NEU, NMW, OXF, PH, U, W. *Letters* at G, K and U.

BIBLIOGRAPHY and BIOGRAPHY: AG 1: 272; Barnhart 3: 274 (b. Feb 1810, d. 19 Apr 1874); BB p. 275; Biol.-Dokum. 16: 8653; BM 4: 1919; Bossert p. 366; Clokie p. 243; Desmond p. 557; De Toni 1: cxv; DNB 18: 176-177; Hortus 3: 1204; Jackson p. 158; Lasègue p. 347; ME 2: 268; Nordstedt p. 29; PFC 1: liii; PH 73, 98; PR 8385, J.K. Schmidt; Rehder 1: 434; Saccardo 1: 153-154, 2: 101; TL-1/see index; TL-3125, see H.K. Beyrich, J.J. Roemer, F. Rugel; Tucker 1: 649.

BIBLIOGRAPHY and BIOGRAPHY: Anon., Flora 18(2): 573-574. 1895 (S. acquires herbaria Scheuchzer/J.J. Roemer, brief sketch of his own herb.), 27(1): 175. 1844 (S. rd Rugel plants from Florida); J. Bot. 13: 254. 1875 (on a mss. Flora of the Rivièra), 15: 128. 1877 (herb. S. acquired by BM); Trans. bot. soc. Edinburgh 12: 203-204. 1874 (obit. not.).
Boase, F., Modern Engl. biogr. 3: 565. 1965.
Burnat, É., Bull. Soc. bot. France 30: cxxxi. 1883.
Candolle, Alph. de, Phytographie 450. 1880 (coll.).
Cavillier, F., Boissiera 5: 87. 1941.
Dallman, A.A. & M.H. Wood, Trans. Liverpool Bot. Soc. 1: 89-90. 1909 (bibl.).
Ewan, J., *in* R.W. Long, & O. Lakela, Fl. trop. Florida 4. 1971 (S. distributed J.L. Blodgett's plants).
Fischer, Ed., Verh. schweiz. naturf. Ges. 57: 5-6, 19, 27. 1914.
Fournier, E., Bull. Soc. bot. France 21 (bibl.): 144, 192. 1874 (d.; herb. for sale).
Godet, C.H., Fl. Jura 1: iv-v. 1852.
Guthnick, K., Mitt. naturf. Ges. Bern. 1874: 98-106. 1875 (obit.), *in* R.J. Shuttleworth, Notitiae malacologicae, Bern 1878, p. 1-7 (obit.).
Kent, D.H., Brit. herb. 78. 1957.
Kent, D.H. & D.E. Allen, Brit. Irish herb. 242. 1984.
Müller, R.H.W. & R. Zaunick, Friedr. Traug. Kützing 212, 213, 218, 222, 295. 1960.
Murray, G., Hist. coll. BM(NH) 1: 105, 182. 1904.
Rytz, W., Mitt. naturf. Ges. Bern 5: 28. 1922 (after the sale of the Shuttleworth herb. BERN received 200 fascicles of duplicates and some other material, e.g. the J.J. Scheuchzer herbarium; the latter was given to Z in 1897).
Stearn, W.T., Nat. Hist. Mus. S. Kensington 294-295. 1981.

COMPOSITE WORKS: (1) Plants collected by Shuttleworth in S. France are described in E. Huet du Pavillon, *Cat. pl. Provence*, 1889, TL-2/3125, publ. Jan-Jun 1889 (Bot. Zeit. 26 Jul 1889).

HANDWRITING: Candollea 33: 387-388. 1978.

EPONYMY: *Shuttleworthia* Meisner (1840).

11.928. *Nouvelles observations sur la matière colorante de la neige rouge* ... Tiré de la Bibliothèque universelle de Genève (Février 1840). Oct.
Publ.: Feb 1840, p.[1]-23, [24], *1 pl.* (coll. lith. auct.). *Copy*: G. – Reprinted and to be cited from Bibl. univ. 30: 383-406. 1840. – See also Edinb. New phil. J. 29: 54-64. 1840; Not. Geb. Nat.-Heilk., ed. L. v. Froriep, 16: 273-280, 289-294, 305-310. 1840.

Sibilia, Cesare (1895-x), Italian mycologist; professor of vegetable physiology at Florence Univ. 1938-1948, from 1948 director of the Stazione di Patologia vegetale, Roma; Dr. phil. Roma 1926. (*Sibilia*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 274; BL 2: 338, 361, 716; Hirsch p. 274; LS suppl. 25511-25530, 32222.

BIOFILE: Giordani, I. & S.S. Taylor, Who's who in Italy 1957-1958: 891. 1958. Verdoorn, F., ed., Chron. bot. 5: 508. 1939.

11.929. *Due specie di "Fusarium"* parassite di piantine di conifere (Fusarium fuliginosporum n.sp. e F. echinosporum n. sp.) ... Firenze (Tipografia di Mariano Ricci ...) 1925. Oct.
Publ.: 1925, p. [1]-21. *Copy*: FI. – Reprinted and to be cited from Ann. r. Ist. sup. Agr. For. ser. 2. 1: 77-97. 1925.

11.930. *Alcune Laboulbeniaceae parassite di Acari* ... Firenze (Tipografia di M. Ricci ...) 1925. Oct.
Publ.: 30 Sep 1925 (date on cover reprint), cover-t.p., p. 79-88. *Copy*: FI. – Reprinted and to be cited from Redia 16: 79-88. 30 Sep 1925.

11.931. *Un nuovo genere di Demaziacee didimospore* ... Firenze (Tipografia Mariano Ricci ...) 1929. (anno vii).
Publ.: 1929 (date on t.p. reprint), p. [1]-6. *Copy*: FI. – Reprinted and to be cited from Boll. r. Staz. Patol. veg. Roma ser. 2. 8(4): 445-448. 1929.

Sibree, James (1836-1929), British missionary and naturalist; educated at Hull Collegiate College; surveyor Board of Health 1859-1863; architect of memorial churches in Madagascar 1863-1867; trained for congregational ministry, Birmingham 1868-1870; missionary in Madagascar with the London Missionary Society until 1915. (*Sibree*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 271; BM 4: 1920, 8: 1190; Desmond p. 558 (b. 14 Apr 1836, d. 6 Sep 1929); Rehder 1: 496, 5: 797; Tucker 1: 649, 3: 280.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 1343. 1878.
Anon., Brit. Mus. gen. cat. print. books 221: 866-867. 1964; Cat. gén. livr. Bibl. natl. 172: 279-281. 1948; Who's who London 1903-1929; Who was who, London 3: 1234. 1929-1940.

COMPOSITE WORKS: Antananarivo annual and Madagascar Magazine, edited by J. Sibree ... nos. 1-23, 1875-1899.

11.932. *The great African Island* Chapters on Madagascar. A popular account of recent researches in the physical geography, geology, and exploration of the country; and its natural history and botany; and in the origin and divisions, customs and language and practices of the different tribes. Together with illustrations of scripture and early church history from native statistics and missionary experience ... London (Trübner & Co., ...) 1880. Oct. (*Great Afr. Isl.*).
Publ.: 1880 (p. vii: Nov 1879), p. [i-ii], frontisp., [iii]-xii, [1]-372, *5 pl. Copies*: LC, MO, Univ. Illinois. – Botany on p. 69-101.

Facsimile repr.: 1969, Westport, Conn., ISBN 0-8371-1642-2.
Ref.: Anon., J. Bot. 21: 125. 1883.

Sibthorp, Humphrey Waldo (1713-1797), British botanist; MA Oxford 1737, MD 1745; professor of botany Oxford 1747-1783; father of John Sibthorp; correspondent of Linnaeus. (*H. Sibth.*).

HERBARIUM and TYPES: OXF; Some further material in LINN; manuscripts at OXF. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 275; BB p. 275; Bossert p. 366; Clokie p. 36-37, 243 (few specimens); Dawson p. 752; Desmond p. 558 (d. 12 Aug 1797); DNB 52: 189; Henrey 2: 72, 158, 256, 271, 637-638.

BIOFILE: Allen, D.E., The naturalist in Britain 16, 17. 1976.
Berkeley, E. and D.S., Dr. John Mitchell 133. 1974.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. isl. 436 [index]. 1980.
Cameron, H.C., Sir Joseph Banks 2, 3, 55. 1952.
Darlington, W., Mem. J. Bartram and H. Marshall 428-429. 1849 ("he did much more for the science, by raising up a son ... to cultivate it, than by any writings or investigations of his own"; letter to Bartram).
Druce, G.C., Fl. Oxfordshire xc. 1927.
Earnest, E., John and William Bartram 41, 74. 1940.
Fries, Th.M., Bref Skrifv. Linné 1(3): 210. 1909, 1(4): 135, 256. 1910.
Hulth, J.M., Bref Skrifv. Linné 2(1): 101, 103. 1916.
Jackson, B.D., Proc. Linn. Soc. 134 (suppl.): 19. 1922 (pl. LINN).
Lyte, C., Sir Joseph Banks 16, 38. 1980.
Rix, M., The art of the botanist 89, 92. 1981.
Smith, E., Life Joseph Banks 7, 8. 1911.
Smith, J.E., *in* Rees Cycl. 32: Sibthorpia 1819 ("he is said to have delivered but a single lecture in all that time [40 yrs], which was not a successful one, nor do we know of having enriched the science with any publication ... However, imperfect his claims to botanical celebrity, his son has conferred more honour on the above name than either of them could derive from it ...").

HANDWRITING: Candollea 33: 389-390. 1978.

EPONYMY: *Sibthorpia* Linnaeus (1753).

Sibthorp, John (1758-1796), British botanist; MA Oxford 1780, MD 1784; studied with A.L. de Jussieu at Paris 1781-1782 and with A. Broussonet at Montpellier 1782-1783; professor of botany and director of the Botanical Garden Oxford 1784-1796 as successor to his father H.W. Sibthorp; in Götingen 1784-1785, worked with N.J. von Jacquin 1785; travelled in Greece with Ferdinand Bauer 1786-1787; with Francis Borone in Turkey and the Peloponnese 1794-1795. (*Sibth.*).

HERBARIUM and TYPES: OXF (herb., mss.); duplicates in BM, UPS (herb. Thunberg). *Letters* in BM (Bloomsbury and NH), HU, LINN; letters to John Hawkins in West Sussex Record Office, Chichester; other manuscripts at Lincolnshire Record Office, London. – John Sibthorp collected plants on two trips to the Mediterranean. On his first trip (1786-1787), Sibthorp was accompanied by Ferdinand Bauer, whom he had engaged in Vienna. The second trip was made 1794-1795. Sibthorp started work on a *Flora graeca* , but died soon after his return from Greece. He left a will providing funds for the publication of an illustrated *Flora graeca* in 10 folio volumes (with 100 plates each) and an unillustrated *Prodromus* to be compiled with the help of his manuscripts, drawings and specimens by a "competent botanist". Sir Joseph Banks arranged for James Edward Smith to be appointed to this position. Smith carried out the work and published the *Flora graeca* as well as the *Prodromus*. The original material (manuscripts, specimens, but not the drawings) is at OXF.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 22, 5(2): 93, 702, 6(2): 938, 12(3): 57; Barnhart 3: 275 (b. 28 Oct 1758, d. 8 Feb 1796); BB p. 275; Blunt p. 116, 191, 195-197, 264; BM 4: 1920; Bossert p. 366; Clokie p. 38-42, 244; Dawson p. 752-754; DNB 18: 189-190; Dryander 3: 137; DU 282; Frank 3 (Anh.): 96-97; GF p. 76; GR p. 380, cat. p. 71; Hegi 5(2): 1130; Henrey 3: 113-114 (nos. 1318-1320), and see indexes; Herder p. 205, 206, 412; Hortus 3: 1204; IH 1 (ed 2): 92, (ed. 3): 117, (ed. 6): 364, (ed. 7): 342; Jackson p. 258, 312; Kelly p. 214; Lasègue p. 276, 324, 331, 353, 406, 502, 530, 531; LS 24868; NI 1840, see indexes; Plesch p. 406; PR 2322, 8658-8660, ed. 1: 9616-9618, 10962; Rehder 1: 396, 448; RS p. 142; Saccardo 1: 154, 2: 101; SK 4: ccxiii; Sotheby 698; Stevenson p. 1258; TL-1/448, 1226-1227, see F.L. Bauer; TL-2/see F.L. Bauer; Tucker 1: 649; Zander ed. 10, p. 717, ed. 11, p. 817.

BIOFILE: Allibone, S.A., Crit. dict. Engl. litt. 2: 2094. 1878.
Anon., Act. Soc. Linn. Bordeaux 24: 631. 1861; Nieuwe Alg. Konst-Letter-bode 1796(114): 73 (d.; plants and libr. to OXF).
Boissier, P.E., Fl. orient. xii, xv, xvi. 1867.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 436 [index]. 1980.
Bruce, M.R., Taxon 19: 347-356. 1970 (biogr., portr., "as a man, I find John Sibthorp to be a single-minded fanatic"; important assessment based on original sources).
Candolle, Alph. de, Phytographie 450. 1880.
Coats, A.M., Huntia 2: 211. 1965 (portr. and text), The plant hunters 25-28. 1969.
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Druce, G.C., Bot. Soc. Exch. Club Brit. Isl. Rep. 7(1): 355-363. 1924; Fl. Oxfordsh. 387. 1886, xciv-cii. 1927; Fl. Berkshire cxlvi. 1897 (on Fl. oxon.); Fl. Buckinghamshire xcv. 1926 (Fl. oxon.).
Ehrendorfer, F., Plant. Syst. Evol. 124: 177. 1975 (Fl. graec. Prodr. later than Willdenow, Sp. pl. 4(2). Easter 1806, fide G. Buchheim).
Fletcher, H.R., Story R. Hort. Soc. 7, 37, 263, 416. 1969.
Greene, E.L., Bull. Torrey bot. Club 14: 178, 257. 1887 (on Fl. graec. prodr.).
Hoefer, ed., Nouv. biogr. gén. 43: 942-943. 1867.
Jessen, K.F.W., Bot. Gegenw. Vorz. 301-302, 364, 395. 1864.
Kent, D.H. & D.E. Allen, Brit. Irish herb. 242. 1984 (Brit. herb. not traced).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 667. 1985.
Rix, M., The art of the botanist 223 [index]. 1981.
Roemer, J.J., Arch. Bot. 1(3): 173-174. 1798.
Smith, J.E. *in* A. Rees, Cycl. 32: Sibthorp 1819 (an eminent botanist and traveller).
Smith, Lady, Memoir corr. J.E. Smith 1: 131, 460, 463, 465, 467, 471. 1821.
Stearn, W.T., Taxon 16: 168-178. 1967 (on *Fl. graeca* and *Fl. graec. prodr.*); Biol. J. Linn. Soc. 8: 285-298. 1976 (from Theophrastus and Dioscorides to Sibthorp and Smith: the background and origin of the *Flora graeca*).
Stieber, M.T. et al., Huntia 4(1): 86. 1981 (arch. mat. in HU).
Swann, C.K., J. Soc. Bibl. nat. Hist. 3(3): 126. 1956 (on Bohn copies).
Shaw, H.K.A. & W.B. Turrill, Bull. misc. Inf. Kew 1926: 120-128. 1926 (revision of Sibthorp's plants at Kew).
Turrill, W.B., Bull. misc. Inf. Kew 1926: 111. 1926 (Sibthorp in the Gallipoli Peninsula), 1937: 197, 204. 1937 (Sibthorp on Athos Peninsula).
Verdoorn, F., ed., Chron. bot. 3: 166. 1937, 6: 63. 1941.
Walpole, R., ed., Memoirs relating to European and Asiatic Turkey 1817, Travels in various countries of the East, 1820 (n.v., fide M.R. Bruce; contain extracts from S.'s journals and notes).
Walters, S.M., Eur. florist. tax. stud. 15. 1975.

HANDWRITING: Clokie p. 280.

11.933. *Flora oxoniensis*, exhibens plantas in agro oxoniensi sponte crescentes, secundum systema sexuale distributas ... Oxonii [Oxford] (Typis academicis ...) 1794. Oct. (*Fl. oxon.*).
Publ.: Apr 1794 (received by Royal Society of London on 10 Apr 1794 (inf. W.T. Stearn), letter S. to J.E. Smith, see Lady Smith 1: 460. 1832), p. [i]-xxiv, [1]-422,

[423-436, indexes], [437, err.]. *Copies*: FH, FI, G, HH, MICH, MO, NY, USDA; IDC 6471.

11.934. *Florae Graecae prodromus*: sive plantarum omnium enumeratio, quas in provinciis aut insulis Graeciae invenit Johannes Sibthorp, M.D. ... Hic illam etiam insertae sunt pauculae species quas vir idem clarissimus, graeciam versus navigans, in itinere, praesertim apud Italiam et Siciliam, invenerit. Characteres et synonymia omnium cum annotationibus elaboravit. Jacobus Edvardus Smith, M.D. ... Londini (Typis Richardi Taylor et Socii, ...) 1806-1813. 2 vols. Oct. (*Fl. Graec. prodr.*).
Co-author: James Edward Smith (1759-1828).
1(1): Oct-Nov 1806 (see TL-1), p. [i]-xvi, [1]-218, [1, colo., dated 1806].
1(2): Mai-Nov 1809, p. 219-442.
2(1): 1813, p. [i-iii], [1]-210, [1, colo. dated 1813].
2(2): 1816 (p. 422), p. 211-422.
Copies: B, BM, BR, FI, G, M, MO, NY, PH, U, USDA; IDC 560. – For dates see e.g. Stearn (1967). – Willdenow, Sp. pl. 4(2) was published Apr-Mai 1806 and hence has priority over Fl. Graec. prodr. 1(1), see Ehrendorfer (1975).

11.935. *Flora graeca*: sive plantarum rariorum historia, quas in provinciis aut insulis Graeciae legit, investigavit, et depingi curavit Johannes Sibthorp, M.D. ... hic illam etiam insertae sunt pauculae species quas vir idem clarissimus, Graeciam versus navigans, in itinere , praesertim apud Italiam et Siciliam, invenerit. Characteres omnium, descriptiones et synonyma, elaboravit Jacobus Edvardus Smith, M.D. ... vol. i [-x], Londini (typis Richardi Taylor et Socii, ...) 1806 [-1840]. 10 vols. Fol. (*Fl. graec.*).
Co-author: James Edward Smith (1759-1828)(for vols. 8-10: John Lindley (1799-1865)).
1: engr. t.p., p. [i]-viii, [1]-82, *pl. 1-100*. – T.p. dated 1806.
2: engr. t.p., p. [i], [1]-83, [84, dated 1816], *pl. 101-200*. – T.p. dated 1813.
3: engr. t.p., p. [i], [1]-93, *pl. 201-300*. – T.p. dated 1819.
4: engr. t.p., p. [i], [1]-88 (dated 1824), *pl. 301-400*. – T.p. dated 1823.
5: engr. t.p., p. [i], [1]-81, [82, dated 1825]. – T.p. dated 1825.
6: engr. t.p., p. [i], [1]-80 (dated 1827), *pl. 501-600*. – T.p. dated 1827.
7: engr. t.p., p. [i], [1]-87, [88, dated 1832], *pl. 601-700*. – T.p. dated 1830.
8: engr. t.p., p. [i], [1]-75 (dated 1835), *pl. 701-800*. – T.p. dated 1833.
9: engr. t.p., p [i], [1]-77, (78, dated 1838), *pl. 801-900*. – T.p. dated 1837.
10: engr. t.p., p. [i], [1]-106, [107, *pl. 901-966*. – T.p. dated 1840.

vol.	fasc.	pages	*plates*	dates
1	1	i-viii, 1-36	*1-50*	1806 (prob. Nov)
	2	37-82	*51-100*	1808 (prob. Mai)
2	1	1-40	*101-150*	1813
	2	41-83	*151-200*	1836
3	1	1-46	*201-250*	1819
	2	47-93	*251-300*	1821
4	1	1-44	*301-350*	1823
	2	45-88	*351-400*	1824
5	1	1-38	*401-450*	1825
	2	39-81	*451-500*	1825
6	1	1-42	*501-550*	1825
	2	43-80	*551-600*	1827
7	1	1-46	*601-650*	Jun 1831
	2	47-88	*651-700*	1832
8	1	1-36	*701-750*	1832
	2	37-75	*751-800*	1835 (prob. Mai-Jun)
9	1	1-38	*801-850*	1837 (prob. Mai)
	2	39-77	*851-900*	Feb 1839
10	1	1-40	*901-950*	1840 (prob. Jul)
	1	41-106	*951-966*	Nov 1840

Copies: DBN (orig. issue), G, MO, NY; IDC 323.

Note: For further information see Greene (1887), Lady Smith (1832), Stearn (1967/1976) and Henrey (2: 113-114). – Only 25-30 copies were issued of the original issue (see Henrey); however, further copies (ca. 40?) with the original text and a large number of the plates reprinted on paper water-marked 1845, were issued by Henry G. Bohn. For notes on this reprint see Flora 28: 576. 1845 and Henrey. – The engraved title pages have the title *Flora graeca sibthorpiana*. – G.A. Pritzel reviewed the book in Gersdorff, Leipziger Repert. 33: 258-261. 1847 and in Bot. Zeit. 5: 794-796. 1847.

Facsimile ed.: announced, but not published, by Acad. Verl.-Ges. Graz.

Proposals for publishing the Flora Graeciae of the late John Sibthorp, ... compiled from the mss. notes of the author, by James Edward Smith, ... London s.d., p. [1-2]. *Copy*: DBN.

Sicard, Guillaume (1829-1886), French pharmacist and mycologist at Noisy-le-Sec. (*Sicard*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 117; Barnhart 3: 275; BM 4: 1920; Kelly p. 214; LS 24869-24870; NI 1841; Stevenson p. 1258; Tucker 3: 280. 1933.

BIOFILE: Anon., Bull. Soc. bot. France 33: 468, (Bibl.): 113. 1886 (d.); Cat. gén. livr. impr. 172: 311-312. 1948; Nat. Nov. 8: 241. 1886 (d.).

Sicard, G., Bull. Soc. bot. France 30: 136. 1883 (on his forthcoming *Hist. nat. champ.*).

11.936. *Histoire naturelle des champignons* comestibles et vénéneux ... Paris (Librairie Ch. Delagrave ..) 1883. Oct. (*Hist. nat. champ.*).

Preface: Gaspard Adolphe Chatin (1813-1901), see TL-2/1: 487-488.

Publ.: Mar 1883 (dépôt legal Mar 1883; Bot. Centralbl. 7-11 Mai 1883; J. Bot. Mai 1883; copy NY dedicated to Patouillard 14 Feb 1884; Grevillea Sep 1883; Bot. Zeit. 27 Jul 1888; Nat. Nov. Apr(2) 1883), p. [i]-xv, [1]-272, [273-275, err.], *pl. 1-75* (*72-74* col. liths., *1. & 75* uncol. liths.). *Copies*: BR, FH, NY.

Ed. 2: Mai-Jun 1884 (p. vi: Mai 1884; dépôt légal Mai 1884; copy presented to Soc. bot. France 25 Jul 1884), p. [i]-xv, [1]-308, *pl. 1-75* (idem). *Copies*: FH, G, MICH, NY, Stevenson, USDA.

Sickenberger, Ernst (1831-1895), German (Baden) botanist and pharmacist; studied at Heidelberg University 1852-1853; pharm. exam. Stuttgart 1854; practicing pharmacist in Kirchgarten 1858-1865; in Freiburg i. Br. 1865-1872, as owner of a liquor store and (1872) in charge of the botanical garden; owner of a pharmacy in Lörrach 1873-1876; from 1876-1895 in Cairo in charge of the German pharmacy; exploring Egypt 1881-1885, professor of pharmacology (later chemistry) from 1889, member of the Egyptian Institute from 1890. (*Sickenb.*).

HERBARIUM and TYPES: Z; some lichens at M; further material at B (mainly destr.), CAIH, CAIM, DS, E, L, WAG. – Sickenberger's German herbarium was offered for sale in 1876 (Gebhard 1876). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 275 (d. 8 Dec 1895); BM 4: 1921; CSP 18: 738; IH (ed. 7): 342; Rehder 1: 489; Tucker 1: 649, 3: 280; Urban-Berl. p. 324.

BIOFILE: Anon., Allg. bot. Z. 2(2): 32. 1896 (d.); Bot. Centralbl. 65: 288. 19 Feb 1896 (d.); Bot. Monatschr. 15: 209-210. 1897 (sale of herb. Dr. Schill. Freiburg containing the Sickenberg herb.); Nat. Nov. 18: 70. 1896 (d.).

Ascherson, P., Fl. Provinz Brandenburg 1: 14. 1864; Österr. bot. Z. 46: 80. 1896 (obit. not.).

Deflers, A., Ernst Sickenberger, Le Caire 1897, 35 p., (biogr. portr., bibl.), reprinted from the "Revue d'Egypte". (*Copy* DS, from Engler collection).

Gebhard, C.R., Österr. bot. Z. 76. 1876 (herbarium for sale).

Hein, W.H. & H.D. Schwarz, Deut. Apoth. Biogr.2: 627-628. 1978 (biogr. details).

Kirchner, G., *in* Beitr. Gesch. Pharmazie 23: 1-4. 1971.
Schweinfurth, G., Echo d'Orient 10 Mar 1896. 1896 (n.v.); Bull. Inst. Égypt. Cairo ser. 3. 7: 5-16. 1897 (obit.), reprint Le Caire 1896, 13 p.

11.937. *Les plantes égyptiennes d'Ibn el Beïthar* ... Le Caire [Cairo] (Imprimerie nationale) 1890. Oct. (*Pl. égypt. Ibn el Beïthar*).
Publ.: 1890, p. [1]-38. *Copy*: B. – Also published in Bull. Inst. Égypt. 10(2): 3-38. 1890.

11.938. *Contributions à la flore d'Égypte* ... Le Caire [Cairo] 1901. Oct.
Publ.: 1901, p. [i-ii, cover-t.p. and Vienna imprint], [167]-335. *Copies*: Cornell, F, G, GB, H. – Issued and to be cited from Mém. Inst. Égypt. 4(2). 1901.

Sickmann, Johann Rudolph (1779-1849), German (Osnabrück)/Hannover) botanist; ultimately assistant at the Botanical Garden, Hamburg. (*Sickmann*).

HERBARIUM and TYPES: HBG, KIEL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 275 (b. 20 Mai 1779, d. 18 Jan 1849); BM 4: 1921; Christiansen A 176; Herder p. 189; PR 8663, ed. 1: 9624; Rehder 1: 379; Tucker 1: 649.

BIOFILE: Anon., Bot. Zeit. 7: 207, 328. 1849 (d.; succeeded by J. Steetz); Flora 32: 110. 1849 (d.).
Fischer-Benzon, R.J.D. *in* P. Prahl, Krit. Fl. Schlesw. Holst. 2: 54-55. 1890.
Voigt, A., Bot. Inst. Hamburg 32, 33, 34. 1897.

EPONYMY: *Sickmannia* C.G.D. Nees (1834) probably honors Sickmann but no etymology was given.

11.939. *Enumeratio stirpium phanerogamicarum circa Hamburgum* sponte crescentium auctore J.R. Sickmann. Hamburgi (Typis Joannis Augusti Meissneri) 1836. Oct. (*Enum. stirp. phan. Hamb.*).
Publ.: 1836 (Flora rd before 6 Mar 1837 (20(1): 369), p. iv: 9 Mai 1836), p. [i-iv], [1]-80. *Copies*: B-S, G, HH, MO, NY. – A slip in the copy at G states "Ausgegeben im Monat März 1839. Diese Schrift ist früher nicht im Buchhandel gekommen". Even though the book may not have been for sale through the book-trade, copies were evidently distributed by the author in 1836/7 judging by e.g. the Notice in Flora 1837. Hinrichs lists it as received 28 Apr-4 Mai 1839.
Ref.: Anon., Flora 20 (Lit.) 6: 92-93. 28 Jul 1837 (rev.), Linnaea 11 (Lit.): 147-148. 1836-1838 (rev.), 13 (Lit.): 165. 1839-1840 (note on availability in book trade).

Sidebotham, Joseph (1822-1884), British botanist, entomologist, astronomer and calico printer; co-founder of the Manchester Field Naturalist's Society; partner of the firm of the Strines Printing Company, Manchester, 1849-1876. (*Sideboth.*).

HERBARIUM and TYPES: MANCH; further material at CGE and OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 275 (d. 30 Mai 1884); BB p. 275; BM 4: 1921; Clokie p. 244; CSP 5: 683, 8: 948, 11: 409, 18: 738; Dawson p. 559; De Toni 2: cvii; Lenley p. 369; TL-2/939.

BIOFILE: Anon., Entom. mon. Mag. 22: 46. 1886 (obit. not.); Mon. Not. R. astron. Soc. 46: 194-196. 1886 (obit., gives more detail than other notices); Proc. Linn. Soc., London 1883-1886: 107. 1886 (obit. not.); Proc. Manchester Lit. philos. Soc. 25: 244-247. 1886 (obit.); Trans. entom. Soc. London 1885: xlii (obit. not.).
G.D., Psyche, Cambridge 5: 36. 1808 (d.).
Dallmann, A.A. & M.H. Wood, Trans. Liverpool bot. Soc. 1: 90. 1909 (bibl.).
Freeman, R.B., Brit. nat. hist. books 315. 1980.
J.C.M., J. Bot. 23: 319-320. 1885 (obit.).
Kent, D.H., Brit. herb. 78. 1957.

Kent, D.H. & D.E. Allen, Brit. Irish herb 243. 1984.
Moore, S., ed., Fl. Cheshire xciv. 1899.

COMPOSITE WORKS: (1) Contributed *Algae filiformes - Algae silicatae* (with W.C. Wiliamson), to R. Buxton, *Bot. Guide fl. pl.* 1849. TL-2/939.

Sieber, Franz Wilhelm (1789-1844), Bohemian botanist, traveller and plant collector; travelled in Austria and Italy 1811-1812; studied medicine in Praha 1814-1816; travelled to Crete, Egypt and Palestine 1817-1818; travelled around the world 1822-1825, collecting especially in S. Africa, Mauritius and Australia 1822-1824; from 1830-1844 in a psychiatric asylum in Praha. (*Sieber*).

HERBARIUM and TYPES: AWH (personal herbarium; acquired by C.L. von Reichenbach; acquired with the latter's herbarium by H. Van Heurck in 1867; important other parts of the Sieber collection were dispersed by sale; in addition many sets were sold by Sieber during his active life time under various titles. The collections are in many herbaria with important sets e.g. in H, M, PR and W; and further material in A, B (in part extant), BERN, BHU, BM, BP, BR, C, CAL, CGE, CN, DBN, DS, E, FH, FI, G, G-DC, GE, GH, GJO, GOET, H, HAL, HBG, JE, K, KIEL, L, LE, LV, LY, LZ (destr.), M, MEL, MO, MPU, MW, NCY, NY, O, OXF, P, PH, PR, PRC, REG, ROST, S, U, W, WAG, WRSL (incl. lich.).
Exsiccatae: F.C. Dietrich (1881), in addition to a detailed and sympathetic biographical sketch, gives a list of 23 series of exsiccatae, q.v. The details of these exsiccatae are still not yet known in detail; Dietrich was able to give a full list of the 645 plants contained in the *Herbarium florae Novae Hollandiae*. Sieber's exsiccatae contained also material collected by others, who sent him their collections (or were sent out by him). Those were e.g. Wenzel Bojer, Theodor Hilsenberg, Franz Kahaut, Joseph Schmidt, Franz Wrba, Carl Zeyer, Andreas Zölliger. H.F. Van Heurck also distributed plants from Sieber collections after he had acquired his herbarium. – *Letters* at HAL (to D.F.L. von Schlechtendal), G.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(1): 37, 5(2): 213, 281, 7: 178, 12(3): 275, 411; Backer p. 532; Barnhart 3: 275 (b. 30 Mai 1789, d. 17 Dec 1844); Biol.-Dokum. 16: 8659; BM 4: 1922; Clokie p. 244; CSP 5: 684; Dawson p. 754; DTS 1: 282, 6(4): 198; Frank 3 (Anh.): 97; Futak-Domin p. 537; Hegi 1: 350, 6(1): 380, 6(2): 1331; Herder p. 60; Hortus 3: 1204; HR; IH 1 (ed. 2): 17, (ed. 3): 18, (ed. 6): 364, (ed. 7): 342, 2: (files); Jackson p. 313, 350; Klásterský p. 170; Lasègue p. 94-95, 583 (index); Maiwald p. 111-114, 283 [index]; PFC 1: lvi; PR 8664-8667, ed. 1: 1376, 9615, 9625-9629, Rehder 5: 798; RS p. 142; Saccardo 1: 154, 2: 101; SBC p. 132; TL-2/835, see J.P.B. Delessert, C.L. v. Reichenbach; Tucker 1: 649; WU 33: 227-237 (detailed biogr.); Urban-Berl. p. 269, 291, 314, 323, 377, 397-398, 415; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Anon., Act. Soc. Linn. Bordeaux 24: 631-633. 1861 (coll. Crete); Bot. Zeit. 3: 119. 1845 (d.), 22: 240. 1864 (personal herb. Sieber acquired by C.L. von Reichenbach; 30.000 specimens incl. sheets annotated by Linnaeus and many of the Esslingen sets); Cat. gén. livr. impr. Bibl. natl. 172: 479-480. 1948; Flora 1: 32, 241. 1818 (trip Crete, Egypt), 2: 96. 1819 (back from Palestine), 3: 636-637. 1820 (report on visit Tirol), 5: 647-655. 1822 (on Herb. fl. austriac.), 6: 124-125, 702. 1823 (on Senegal and Mauritius coll.), 7: 574. 1824 (returned from Austr.), 7 (Beil. 3): 145. 1824 (Australian pl. arrived in Dresden), 9: 224. 1826 (prepares sets of exsiccatae), 14 (Int. Bl. 2): 15-16. 1831 (coll.), 28: 111-112. 1845 (obit.); Preslia 51: 212. 1979.
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Wetmore, C.M., Rev. bryol. lichénol. 32: 229. 1963 (lichen coll. Tasmania).

HANDWRITING: Candollea 33: 391-392. 1978.

NAME: Sometimes erroneously as "Franz Xaver Sieber". Franz Wilhelm Sieber should not be confused with Friedrich Wilhelm Sieber who collected for J. v. Hoffmannsegg in Brazil (Para) between 1801-1807, see e.g. I. Urban, Fl. bras. 1(1): 111-112. 1906, collections e.g. in B-Willd., BR and HAL.

EPONYMY: *Siebera* Hoppe (1819); *Siebera* J. Gay (1827, *nom. cons.*); *Sieberia* K.P.J. Sprengel

(1817, *nom. rej.*); Note: *Siebera* H.G.L. Reichenbach (1828) probably also commemorates F.W. Sieber.

11.940. *Herbarium florae aegyptiacae* seu collectio stirpium rariorum Aegypti indigenorum. Vindobonae [Wien] 1820. Fol. (*Herb. fl. aegypt.*).
Publ.: 1820, p. [1-4]. *Copies*: PH, WU; IDC 1285.

11.941. *Avis de plantes.* Herbarium creticum, aegyptiacum, palaestinense. ... Pragae 1821.
Publ.: 1821, p. [1]-6. *Copies*: B, NY. – Includes also an anouncement of series of exsiccatae entitled *Plantes forestières* and *Herbier de la Flore d'Autriche*; followed by the same texts in German. A further pamphlet *An Tauschfreunde*, p. [1]-14, *copy*: NY, was issued 1 Jan 1821, from Prague. – Sheets of printed labels *herbarium flora creticae* Vindobonae [Wien] 1820, [1]-8, at PH.

11.942. *Reise nach der Insel Kreta* im griechischen Arhipelagus im Jahre 1817 ... Leipzig und Sorau (bey Friedrich Fleischer) 1823, 2 vols. Oct. (*Reise Kreta*).
1: 1823 (Flora 7 Dec 1822: "wird gedruckt", p. [i*], [i]-xxii, [1]-548.
2: 1823, p. [i]-iv, [1]-328, [1, instr. binder], *pl. 1-14* (uncol. copp. auct.).
Copies: FI, G, HH, MO, Österr. Nat.-Bibl., PH, US; IDC no. 650. – The MO, US and IDC copies have a second t.p.: "F.W. Sieber's Reisen Erste Lieferung, Reise nach der Insel Kreta ..."
Ed. 2: 1826, *copy* at HH.
Ref.: Anon., Flora 6: 593-607. 1823 (rev.).

11.943. *Reise von Cairo nach Jerusalem* und wieder zurück, nebst Beleuchtung einiger heiligen Orte, Prag (Bei Martin Neureutter, ...), Leipzig (bei Friedrich Fleischer) 1823. Oct. (*Reise Cairo*).
Publ.: 1823, frontisp., p. [i]-xiv, [15]-167, [168, expl. pl.], *2 pl.* (uncol. copp.). *Copies*: HH, MO.
Ed. 2: 1826, frontisp., p. [i]-xiv, [15]-167, [168, id.], *3 pl. Copy*: HH. – "Zweyte Auflage mit drey Kupfern und dem Plan von Jerusalem". Prag (Bey Martin Neureutter), Leipzig (bei Friedrich Fleischer) 1826.

Sieber, Johann (x-1880), Austrian palaeobotanist. (*J. Sieber*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: CSP 11: 410; De Toni 1:cxv; Jackson p. 498; Quenstedt p. 398 (d. 30 Mai 1880).

BIOFILE: Deby, J., Bibl. microsc. stud. 3 (Diat.): 50. 1882.

11.944. *Zur Kenntniss der nordböhmischen Braunkohlenflora* ... Aus dem lxxxii. Bande der Sitzber. der k. Akad. der Wissensch. I. Abth. Juni Heft. Jahrg. 1880.
Publ.: Jul-Sep 1880 (read 3 Jun 1880; Bot. Zeit. 5 Nov 1880; Bot. Centralbl. 4-8 Oct 1880), cover-t.p., p. [1]-35, *pl. 1-5* (uncol.). *Copies*: G, NY. – Reprinted and to be cited from S.B. Akad. Wiss. Wien 82: 67-101. *pl. 1-5*. 1881 (issue reporting on June sessions Akad.).

Siebert, August (1854-1923), German (Pommeranian) botanist and gardener; with commercial garden firms at Erfurt and Wandsbeck-Hamburg; Obergärtner, subsequently director of the "Palmengarten" in Frankfurt a. Main 1886-1923. (*Siebert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 275 (b. 1 Apr 1854, d. 1 Mai 1923); Hortus 3: 1204; Rehder 5: 798; TL-1/1365; Tucker 1: 649, 2: xxxv.

BIOFILE: Gager, C.S., Brooklyn Bot. Gard. Rec. 27(3): 224. 1938.

Krauss, O., Gartenwelt 27: 159-160. 1923 (obit.).

COMPOSITE WORKS: (1) *Vilmorin'''s Blumengärtnerei* Beschreibung , Kultur und Verwendung des gesamten Pflanzenmaterials für deutsche Gärten. Dritte neubearbeitete Auflage unter Mitwirkung von A. Siebert ... herausgegeben von A. Voss ... Berlin (Verlagsbuchhandlung Paul Parey ...) 2 vols. 1894-1896. – Actual author A. Voss, q.v. for further treatment. See also TL-1/1365.
(2) Collaborator, E. Regel, *Gartenflora* vols. 36-39, see TL-2/8775.

11.945. *Der Palmengarten* zu Frankfurt a.M. ... Berlin (Verlagsbuchhandlung Paul Parey ...) 1895. Oct. (*Palmengarten*).
Publ.: Apr-Mai 1895 (p. [vi]: Spring 1895; Bot. Zeit. 1 Jun 1895; ÖbZ for Mai 1895; Nat. Nov Mai(2) 1895), p. [i-viii], [1]-124, garden-plan, *pl. 1-12* (uncol.). *Copies*: B, MO.

Siebold, Carl Theodor Ernst von (1804-1885), German (Würzburg) physiologist and zoologist; studied in Göttingen and Berlin; regional physician at Heilsberg, Prussia 1831-1835; director of the obstetric clinic in Danzig 1835-1840; professor of physiology and comparative anatomy in Erlangen 1840-1845, idem in Freiburg i.Br. 1845-1850, id. in Breslau 1850-1853; from 1853 in the same function in München, later also as professor of zoology and director of the physiological institute; brother of P.F. v. Siebold. (*C. Siebold*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 34: 186-188. 1892; Barnhart 3: 275 (b. 16 Feb 1804, d. 7 Apr 1885); Biol.-Dokum. 16: 8663; BM 4: 1922; CSP 5: 684-688, 8: 949-950, 11: 410-411, 12: 681, 18: 741; De Toni 1: cxv, 2: cvii; DSB 12: 420-422 (A. Geus); Herder p. 122; Moebius p., 77, 82, 349; Nordstedt p. 29; PR 8668, ed. 1: 9630; Rehder 4: 487; TL-2/6535; Zander ed. 11, p. 817-818.

BIOFILE: Anon., Ber. Senckenb. naturf. Ges. 1885: 7. (obit. not.); Bonplandia 6: 52-53. 1858 (cognomen Leopoldina Siebold, sic); Brockhaus' Conversations-Lexikon ed. 13. 14: 798-799. 1886; Deut. entom. Z. 29: 23. 1885 (obit. not.).; Entom. Mag. 21: 280. 1885 (obit.); Flora 37: 15. 1854 (Maximilians-Orden); Jahres-Ber. schles. Ges. vaterl. Cult. 63: 440-441. 1886 (obit.); Leopoldina 21: 113. 1885 (obit. not.); Nature 31: 554-555. 1885 (obit.); Proc. Amer. Acad. Arts Sci. 21: 548-549. 1886 (obit.); Proc. Entom. Soc. London 1885: xl-xli (obit. not.); Proc. Linn. Soc. 1883-1886: 107-108. 1886 (obit.); Rev. sci. 36: 123-124. 1885 (obit.); Verz. Mitgl. k. Bayer. Akad. Wiss. 1862: 8; Zool. Anz. 8: 224. 1885 (d.).
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Schiefferdecker, Schr. phys.-ökon. Ges. Königsberg 26 (S.B.): 25-28. 1886 (obit.).
Schmid, G., Chamisso als Naturforscher nos. 294, 307. 1942.
Zittel, K.A. von, Hist. geol. palaeontol. 396. 1901.

COMPOSITE WORKS: (1) Collaborator, G. Münster, *Beitr. Petref.-Kunde* 1839-1846, see TL-2/6535.
(2) With A. v. Kölliker founder and editor of *Zeitschrift für wissenschaftliche Zoologie*, vols. 1-41, Leipzig 1848-1885 (from vol. 25 on with Ernst Ehlers).

Siebold, Philipp Franz [Balthasar] **von** (1796-1866), German (Franken) physician, natural scientist and orientalist; studied medicine and natural sciences in Würzburg; Dr. med. 1870; to the Netherlands in 1822; as governmental physician to Batavia 1822; accompanied a diplomatic mission to Japan 1823-1830; returned to Europe 1830; advisor to the Department of Colonies, Netherlands, in Leiden, dedicating himself to working on his publications and collections 1830-1847; ennobled ("Jonkheer") 1842; settled in Boppard a. Rhein 1857; second journey to Japan 1859-1862; in Würzburg 1862-1866. (*Siebold*).

HERBARIUM and TYPES: 2000 Japanese plants in MAK; a set of 800-1000 specimens (fide Alph. de Candolle) and 789 drawings at LE (see Alessina 1982) main collections at L; other material at BO, BR, CGE, C, F, FI, H-SOL, M, MO, P, U, W. – *Letters* to F.A.W. Miquel at U; further letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 34: 188; AG 1: 188, 4: 583, 6(2): 155; Backer p. 532; Barnhart 3: 275 (b. 17 Feb 1796, d. 18 Oct 1866); BM 4: 1923, 8: 1190; Bossert p. 366; CSP 5: 688, 12: 681; Frank 3 (Anh.): 97; Hegi 5(4): 560; Herder p. 478 [index]; Hortus 3: 1204; IH (ed. 2), 70, 84, (ed. 3): 87, 106, (ed. 6): 364, (ed. 7): 342, 2: (files); Jackson p. 382; JW 1: 448, 2: 200, 3: 368-369, 4: 407, 5: 252 (many sec refs.); Lasègue p. 314, 346, 347, 503, 527; Lenley p. 369; MW p. 450-451, suppl. p. 322; NI 1842, see also 2: 215; NNBW 5: 730; Plesch p. 407; PR 8673-8674, Cleyer, ed. 1: 9631-9635; Rehder 5: 798; RS p. 142; SK 4: cxi, ccxiii (Stearn); SO 845b; Sotheby 700; TL-1/1228-1229; TL-2/see C.L. Blume, F.A.W. Miquel; Tucker 1: 649-650, 2: xxxv; Zander ed. 10, p. 717.

BIOFILE: Alessina, A., Nov. syst. Pl. vasc. 19: 231-263. 1982 (list of Siebold's drawings at LE with identifications).

Anon., Bonplandia 1: 223, 233. 1853, 2: 251. 1854, 5: 350. 1857, 6(2): 53. 1858 (cognomen Casserius), 7: 98. 1859 (again to Japan), 10: 83. 1862 (news from Japan); Bot. Zeit. 1: 520. 1843 (légion d'honneur), 11: 128. 1853 (is to advise Russian govt.), 17: 132. 1859 (again to Japan); Brit. Mus. gen. cat. 222: 69-71. 1964; Brockhaus' Conversations-Lexikon 14: 799. 1886; Bull. Soc. bot. France 4: 846. 1858 (again to D. East Ind.), 6: 80. 1859 (again to Japan), 13 (bibl.): 237-238. 1866 (obit.); Cat. gén. Bibl. natl., Paris 172: 517-523. 1948; Flora 7: 607. 1824 (has a bot. garden in Japan), 12, 94, 638. 1829 (Japanese material rd at Leiden), 26: 246 (setting up of Society for the promotion of horticulture by Blume and von Siebold), 571 (légion d'honneur) 1843, 42: 191. 1859 (will visit Japan again), 50: 14. 1867 (d.); Gard. Chron. 1866: 1041 (d.), 1867: 76 (obit.); Neubert's Deut. Gart. Mag. 36: 120-122. 1883 (monument in Würzburg); S.B. k. bayer. Akad. Wiss. München 1867(1): 387-388 (obit.); von Siebold Herdenkingstentoonstelling te Leiden van 4 tot en met 8 mei 1932, 4 p. (ex Maand. Bull. K. Tuinb.- Landb.-Mij. Antwerpen 1932(1)) (portr., list of Siebold introductions).

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Kalkman, C. & P. Smit, eds., Blumea 25(1): 9, 10, 12, 61, 96, 103. 1979 (on Siebold and the Rijksherbarium; Siebold transported the Rijksherbarium collection in 1833 from Brussels to Leiden via Gent, thus retaining the collection for the Netherlands after the Belgian uprising).
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Wittrock, V.B., Acta Horti Berg. 3(3): 182. 1905.
Wright, R., Gardener's tribute 78, 111, 129, 131. s.d.
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Zuccarini, J.G., Gelehrt. Anz. bayer. Akad. Wiss. 1841, 159: 241-248. 11 Aug, 160: 249-256. 12 Aug, 161: 257-264. 13 Aug, 162: 265-269. 14 Aug 1841 (on *Flora japonica* sect. 1, and on hist. bot. expl. Japan), 1844, 53: 430-432. 14 Mar, 54: 433-440. 15 Mar, 55: 441-448. 16 Mar, 56: 449-456. 19 Mar, 57: 457-464. 20 Mar, 58: 465-472. 21 Mar 1844 (further notes id.).
Zuchold, E.A., Jahresber. naturf. Ver. Halle 5: 53. 1853 (bibl. refs.).

COMPOSITE WORKS: Editor, with W.H. de Vriese, *Annales d'horticulture et de botanique*, ou flore des jardins du Royaume des Pays-Bas, et histoire des plantes cultivées et ornamentales des possessions Néerl. aux Indes orientales, en Amérique et en Japon, Leiden 1857-1860. 3 vols.

HANDWRITING: See C. Bas et al., 150 years Rijksherbarium, TCHAF, Leiden, voorjaar 1979, p. 4.

NOTE: It is obviously not possible to cite here all studies and further publications on P.F. von Siebold. A very detailed list of these publications is given by Zaunick (1971). We restrict ourselves to the listing of references on Siebold's botanical activities and of some general studies.

EPONYMY: (journal): *Sieboldia*, Weekblad voor den tuinbouw in Nederland; tevens orgaan der Boskoopsche pomologische Vereeniging, 1875-1883; (taxon) *Sieboldia* Hoffmannsegg ex Schlechtendal (1841).

VON SIEBOLD & COMP.: C. L. Blume and Siebold founded (1842) a "Société royale pour l'encouragement de l'horticulture dans les Pays-Bas", with the aim to bring into cultivation plants from Japan and the Netherlands East Indies. The plants were grown on the estate of J.C. Rodbard but transferred to a new garden owned by the Society in 1843. To that end a corporation under Dutch law was set up in 1844, called "von Siebold & Comp.", which promoted the aims of the original association. The firm offered introduced plants for sale and published various sales catalogues. The history of this undertaking is described in the "Annuaire de la Société royale pour l'encouragement de l'Horticulture dans les Pays-Bas" for 1844. The original plan is set out on p. ii-iv, the re-organisation on p. xxiv-xxxii, including a "Prix-courant pour 1845" in which the plants were offered for sale to the members. See e.g. MW p. 451 for further catalogues (1848-1861). Siebold had started his own garden in Leiden (on the Lage Rijndijk, on the road to Leiderdorp) as early as 1832. – See also Siebold Jaarb. Nederl. Maatsch. Tuinbouw 1844: 1-39, *pl. 1-2*, 1845: 65-70. 1845 for a list of 367 species in the society's garden.

11.946. *De historiae naturalis in Japonia statu*, nec non de augmento emolumentisque in decursu perscrutationum exspectandis dissertatio, cui accedunt spicilegia faunae japonicae, auctore P.F. de Siebold, med. doct. ... Bataviae 1824. Oct. (*Hist. nat. Jap.*). *Publ.* 1824, p. [1]-16. *Copy*: G. – Mainly zoological.

11.947. *Einige Worte über den Zustand der Botanik auf Japan* in einem Schreiben an den Praesidenten der Akademie; nebst einer Monographie der Gattung Hydrangea und einigen Proben japanischer Litteratur über die Kräuterkunde von Dr. von Siebold, M. d. A. d. N. Datirt Dezima den 18ten December 1825. Bei der Akademie eingegangen im November 1826 [Bonn; Nova Acta Leop. 14, 1828]. Qu.

Publ.: 1828 (in journal), in Nova Acta Leop. 14: [671]-696, *2 pl.* (Japanese text). Tearsheets from journal at HH, MO, B-S. – Contains a *Synopsis Hydrangeae generis specierum, japonicarum.* – On p. 693-696 a *Litteraturae botanices Japonicae specimen*, annotated bibl. of 10 Jap. titles. – It is likely that the tearsheets were distributed separately, other copies are known at BM, LE and P.

Reprint: 1829, p. [1]-26, *pl. 1-2*. n.v., fide MW p. 450.

Further note: Ueber den Zustand der Botanik auf Japan, Allg. Gartenzeit. 1: 138-141. 1833. General notes only.

Facsimile ed.: Undated Japanese reprint of a copy as described above with 1 p. Japanese text added at Univ. Illinois.

11.948. *Synopsis plantarum oeconomicarum universi regni japonici* ... [Batavia [Djakarta] (ter Lands Drukkerij) 1830]. Qu.

Orig. publ.: 1830, in Verh. Batav. Genootsch. Kunst. Wet. 12: [i]-iv, [1]-74, [75], *charts 1-2*: 1830. Mantissa on p. [75] dated 12 Feb 1830. *Copies*: B-S, HH, MO, U.

Facsimile ed.: 1933, Syokubutsu Bunken Kankokai, Tokyo, Japan, printed on one side of the paper, p. [i*-vi*], [i]-iv, Synopsis: [1]-74, [75, Mantissa], 2 charts, (1, Japanese colo. facs. ed.], [1, Japan. colo. book]. *Copies*: B, BR, B-S, MO, NY.

11.949. *Flora japonica* sive plantae, quas in imperio japonico collegit, descripsit, ex parte in ipsis locis pingendas curavit Dr. Ph.Fr. de Siebold, ... sectio prima continens plantas ornatui vel usui inservientes. Digessit Dr. J.G. Zuccarini, ... centuria prima. Lugduni

batavorum [Leiden] (apud auctorem) 1835[-1841], [vol. 2: 1842-1870]. Fol. (*Fl. jap.*).
Authorship: The descriptions in vol. 1 and vol. 2, p. 1-44 are by Joseph Gerhard Zuccarini (1797-1848), based on data supplied by Siebold. The descriptions in 2: 45-89. 1870 are by Friedrich Anton Wilhelm Miquel (1811-1871), who published parts 6-10 of vol. 2 after Zuccarini's death.
1: 1835-1841 (see below), p. [1, 3, p. 1 dated 1835], engraved pl. dedication to Anna Pawlowna, engraved t.p. with illustration of monument for E. Kaempfer on Dezima; (this t.p. dated 1836), p. [5]-193, *pl. 1-100* (liths., in some copies coloured by hand; main artist S. Minsinger; other plates by Victor Kaltdorff, H. Popp, Jos. Unger, F. Veith, de Villeneuve).
2: 1842-1870 (see below), p. [i-iii], [1]-89, *pl. 101-140, 124bis, 151* [=*141*]-*160* [=*150*] (id.). – "Volumen secundum, ab auctoribus inchoatum relictum ad finem perduxit F.A. Guil. Miquel. Lugduno batavorum, in horto Sieboldiano acclimatationis dicto. 1870". – Plates *151-160* also occur with the numbers corrected by hand (in ink) to 141-150.
Copies: BR, B-S, G, L, MO, NSW, NY, PH, U, USDA (vol. 1); IDC 5741. – The copies in BR, B-S and U have colored plates.

sect.	parts	pages	*plates*	probable dates
1	1-2	5-28	*1-10*	Dec 1835
	3-4	29-40	*11-20*	Jan 1836
	5	49-64	*21-27*	1837 or early 1838
	6	65-72	*28-31*	Apr 1838
	7-8	73-84	*32-40*	Feb-Mar 1839
	9-10	85-100	*41-50*	Apr 1839
	11-12	101-116	*51-61*	late 1839
	13	117-120	*62-65*	22-29 Dec 1839
	14	121-132	*66-71*	1840
	15	133-140	*72-76*	1840
	16	141-148	*77-80*	Feb 1841
	17-18	149-160	*81-83*	Jan-Jun 1841
	19-20	161-193	*84-100*	1-12 Jun 1841
2	1	1-12	*101-105*	1842
	2	13-20	*106-110*	1842
	3	21-28	*111-115,137*	late 1842
	4	29-36	*116-120*	Apr-Aug 1844
	5	37-44	*121-124, 124b, 125*	Apr-Aug 1844
	6-10	45-89	*128-136, 138-150*	Apr 1870

Dates based on data in contemporary literature, correspondence at G, K and U, and on copies in original covers at GH and Jena (Manitz 1975). – Hinrichs received 1 (14-16) between 15 and 20 Feb 1841.
Supporting publications: *Flora japonica*, Ann. Sci. nat., Bot. 6: 76-82. 1836; *Plantarum in Japonica ... genera nova, ...* Abh. mat.-phys. Cl. K. Baier. Akad. Wiss. 3: 717-749. 1843, and *Florae japonicae familiae naturales*, ib. 4(2), 4(3), 1845-1846, see below.
Guide: *A guide to Flora japonica ...* translated by Y. Kimura & S. Kitamura, 1977, Johnson Reprint Corporation, 62 p. (originally published in Japanese by Kodanska Ltd. 1976), with biogr. of Siebold and a description of the plates.
Facsimile ed.(1): 1939, Tokyo (Shokubutso bunken kanko-kai), p. [i*, iii*], [1]-189, [i], [1]-89, [1-4, index], *pl. 1-150*, [1-3 Japanese text]. *Copies*: B, MICH.
Facsimile ed.(2): 1976, Tokyo (Kodanska Ltd.), 470 copies. *Copy*: MO.
Ref.: Anon., Ann. Sci. nat. 1836: 76-82. Aug 1836, Allg. Konst. Letterbode 1837(1): 153-154. 10 Mar 1837, Bot. Zeit. 28: 276-277. 29 Apr 1870 (fasc, 6-10 of vol. 2 just published).
Fürnrohr, A.E., Flora 28: 584-591. 1845 (reviews and describes vol. 2, fasc. 1-5, with *pl. 101-127* and 34 [= 44, fide text], pages of text).
Hara, H., Taxon 4: 47. 1955.
Honda, Plantae sieboldianae 1938.

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Koidzumi, Acta geob. phytotax. 2: 68-69. 1933.
M., Bot. Zeit. 1: 27-28. 1843 (rev. fasc. 1-3 of vol. 2, pl. 101-116, sic).
Manitz, H., Wiss. Z. Fr. Schiller Univ. Jena, Mat. Nat. 24(4): 502. 1975 (contents 2(1-5)).
Nakai, Bot. Mag. Tokyo 40: 361-362.1926.
Reinwardt, C.G.C., *in* Tijdschr. Nat. Gesch. Physiol. 2: 161-166. 1835 (announcement), Allg. Konst. Letterb. 1836(1): 104-107. 5 Feb 1836.
Schmid, G., Bot. Archiv, Leipzig 43: 487-530. 1943.
Stafleu, F.A., Wentia 16: 89. 1966.
Skarn, W.T., R.H.S. Lily Year Book 1971: 11-20.
Zuccarini, J.G., Flora 18(1), Int. Bl. 4: 59-63. 21 Mai 1835 (announcement of forthcoming publication, "die beiden ersten [Lieferungen]werden [sic] bereits ausgegeben". The second Antheilung (never publ.) was to contain a conspectus of all known Japanese plants (see also Zuccarini 1841, 1844, in Biofile).

11.950. Ph.Fr. von Siebold's *Erwiederung* auf W.H. de Vriese's Abhandlung: "Het gezag van Kaempfer, Thunberg, Linnaeus en anderen, omtrent den botanischen oorsprong van den ster-anijs des handels, gehandhaafd tegen Dr. Ph.Fr. von Siebold en Prof. J.G. Zuccarini". Mit Bezug auf die von J. Hoffmann mitgetheilten Angaben schinesischer und japanischer Naturgeschichten. Leiden (bei dem Verfasser), Leipzig (bei L. Voss) 1837. Qu. (*Erwiederung*).
Publ.: 1837 (p. 19: Jan 1837), p. [i], [1]-19, [1, Mantissa]. *Copies*: B-S, HH, KNAW, MO, U. – Followed by Johan Frederik Hoffmann (1823-1841), *Die Angaben schinesischer und japanischer Naturgeschichten von dem Illicium religiosum* (dem Mang thsao der Schinesen, Sikimoni noki der Japaner) und dem davon verschiedenen Sternanis des Handels" Leiden 1837, p. [i, iii], 1-16 (lith. mss.). *Copies*: (as above).
Note: W.H. de Vriese's paper, quoted above ("Het gezag ...") appeared in Tijdschr. nat. Gesch. Physiol. 3(2): 115-142. 1836, also separately, Amsterdam Sep 1836.

11.951. *Icones et descriptiones Hydrangearum* in Japonica hucusque detectarum, adjectis novorum familiae Hydrangearum generum ibidem degentium notis charactericis auctoribis Dr. Ph.Fr. de Siebold et Dr. J.G. Zuccarini (Florae japonicae sectio prima, cent. i, p. 101-122. Tab. 51-66). [Leiden 1840]. Fol.
Co-author: Joseph Gerhard Zuccarini (1797-1848). It should be noted that Siebold and Zuccarini are both listed as authors in this reprint of text from *Fl. jap.*
Publ.: 1840, p. [i], [1]-23. *pl. 1-16. Copy*: NSW. – Reprinted and to be cited from Fl. jap. 1: 101-122, *pl. 51-66*, for precise dates see above.
Note: see MW suppl. p. 322 for a facsimile repr. of a Siebold mss. on *Hydrangea*.
Ref.: Anon., Allg. Gartenzeit. 8: 392. 5 Dec 1840 (rev.).

11.952. *Plantarum*, quas in Japonia collegit Dr. Ph.Fr. de Siebold *genera nova*, notis characteristicis delineationibusque illustrata proponunt Dr. Ph.Fr. de Siebold et Dr. J.G. Zuccarini. Fasciculus primus. [München 1843]. Oct.
Co-author: Joseph Gerhard Zuccarini (1797-1848).
Publ.: 1843 (in journal), p. [717]-749. *pl. 1-5. Copies*: FI, HH, M, Peterson. – Reprinted (or tearsheets) and to be cited from Abh. mat.-phys. Cl. k. Baier. Akad. Wiss. 3: 717-749. *pl. 1-5*. 1843.

11.953. Viro summe reverendo collegae aestumatissimo D. Guil. Dan. Jos. Koch ... de quinquaginte annis post summos in medicina honores rite captos ... die iv. m. Jul. fausta quaevis precans gratulatur ordo medicorum interprete D. Carolo de Siebold ... Praemittitur dissertatio *de finibus inter regnum animale et vegetabile* constituendis. Erlangae [Erlangen] (Typis Joan. Paul. Adolph. Jungh.) 1844. Qu. (*De finibus regn. anim. veg.*).
Publ.: 4 Jul 1844, p. [1]-14. *Copies*: GOET, LC.
Ref.: Hoeven, J. v.d., Tijdschr. nat. Gesch. Physiol. 12: 56-57. 1845 (rev.).
H.M., Bot. Zeit. 2: 728-729. 1844 (rev.).
Anon., Flora 27: 470. 21 Jul 1844 (note on festive occasion).

11.954. *Kruidkundige naamlijst van oud en nieuw ingevoerde Japansche en Chineesche planten*, welke in de kweekerij ten behoeve van de Koninkl. Nederl. Maatschappij tot Aanmoediging van den Tuinbouw aangekweekt worden, benevens eenige geschiedkundige toelichtingen nopens de invoering van gewassen uit Japan van het jaar 1824-1844, door Jonkhr. Ph.Fr. von Siebold [Leiden 1845-1846]. Qu. (*Kruidk. naamlijst*).
Publ.: 1845-1846, p. [1]-88, 88bis, 89 (on verso of 88 bis)-90, *pl. 1-4* (col. liths.). *Copy*: BR. – The historical part occupies p. [3]-22, p. 22 dated Nov 1844; list of plants p. 23-90. – Also published (in part?) in Jaarb. Nederl. Maatsch. Tuinbouw 1844: 1-39, *pl. 1-4*; publ. 1844 and 1845: 65-68, 69-70. 1846 (the last few pages list plants imported in 1846). – See also " *Extrait du catalogue* ... de von Siebold & Comp. à Leyde", ib. 1848: 38-49.
Facsimile ed.: in Y. Kimura & S. Kitamura, A guide to Flora japonica, New York, San Francisco, London. 1977, p. 39-60, with commentary (p. 35-37) by S. Kitamura.

11.955. *Catalogus librorum et manuscriptorum japonicorum* a Ph.Fr. Siebold collectorum, annexa enumeratio illorum, qui in Museo regio Hagano servantur auctore Ph.Fr. de Siebold libros descripsit J. Hoffmann ... Lugduni-Batavorum [Leiden] (apud auctorum) 1845. Fol. (*Cat. libr. manuscr. jap.*).
Co-author: Johan Frederik Hoffmann (1823-1841).
Publ.: 1845 (p. iv: Feb 1845), p. [i*], [i]-vi, [1]-35, *16 lith. pl. Copy*: L (Univ. Libr.). Contains e.g. lists of Japanese botanical books and mss.

11.956. *Florae japonicae familiae naturales*, adjectis generum et specierum exemplis selectis. Sectio prima [altera]. Plantae dicotyledoneae polypetalae [altera: Plantae dicotyledoneae (Gamopetalae, Monochlamydeae) et Monocotyledoneae]. Auctoribus Dr. Ph.Fr. de Siebold et Dr. J.G. Zuccarini. [München 1845-1846]. Qu.
Co-author: Joseph Gerhard Zuccarini (1797-1848).
Sectio prima: 1845 (in journal), p. [109]-204, *pl. 1-2*. – Reprinted from Abh. mat.-phys. Cl. k. Baier. Akad. Wiss. 4(2): 109-204. 1845.
Sectio altera: 1846 (in journal), p. [123]-240, *pl. 3*. – Reprinted from id. 4(3): 123-240. 1846.
Copies: G, M, MO, NY. – MW, p. 451, mention a reprint with independent pagination, 1: 1-96, *pl. 1-2*. 1845 and 2: 1-118. *pl. 3*. 1846, not seen by us. They also mention a facsimile reprint issued in Japan in 1934.

11.957. 1856 *Catalogue raisonné*. Prix-courant des plantes et graines du Japon cultivées dans l'Établissement de von Siebold & Comp. à Leide. Leide & Bohn (Henry & Cohen) [1856]. Oct. (*Cat. rais. 1856*).
Publ.: 1856 (date on cover-t.p.), cover-t.p., p. [1]-19. *Copy*: BR. – Earlier issue of the catalogue: see Jaarb. Nederl. Maatsch. Tuinbouw 1848: 38-49.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 4: 342. 9 Mai 1856 (rev.).

11.958. *Ueber Parthenogenesis*. Vortrag in der öffentlichen Sitzung der k. Akademie der Wissenschaften am 28. März 1862 zur Feier ihres einhundert und dritten Stiftungstages ... München (auf Kosten der k. Akademie ...) 1862. Qu. (*Parthenogesis*).
Publ.: 1862 (Flora 16 Oct 1862), p. [1]-25. *Copy*: U.

11.959. 1863. *Catalogue raisonné* et prix-courant des plantes et graines du Japon et de la Chine, cultivées dans le jardin d'acclimatation de Ph.F. von Siebold à Leide. Amsterdam (de l'imprimerie de C.A. Spin et fils) [1863]. Oct. (*Cat. rais. 1863*).
Publ.: 1863 (date on cover-t.p.), cover-t.p., p. [1]-56. *Copy*: BR.
Extract: 1866. "*Extrait du Catalogue raisonné* et prix-courant des plantes du Japon cultivées dans le jardin d'acclimatation de Ph.F. von Siebold, à Leyde [sic] (Hollande)", cover-t.p., p. [1]-23. *Copy*: M. – Munnich [München] (de l'Imprimerie de Dr. François Wild (Parcus)) [1866]. Oct.

11.960. Établissement d'introduction de plantes du Japon et de la Chine. *Catalogue et prix-courant des plantes*, cultivées dans le jardin d'acclimatation de feu Mons. Ph.Fr. von Siebold à Leide (Hollande) 1867. Oct. (*Cat. prix-courant 1867*).
Publ.: 1867, cover-t.p., p. [1]-64, 65 (on cover p. 3). *Copy*: BR. – Has on p. 3-8 a note by

H. Witte on von Siebold who died on 18 Oct 1866. Heinrich Witte (1825-1917) is the actual compiler of this catalogue; he was head gardener of the Leiden botanical garden 1855-1898.
1868-1869, cover-t.p., p. [1]-59. *Copy*: M. –."Établissement ... à Leide (Hollande) 1868-1869".

Siegers, Jean (1842-post 1904), German-born Malmédy botanist; studied at the Köln roman catholic gymnasium and at the universities of Münster and Bonn; high school teacher at Aachen and Düren and, from 1874-1903, professor at the progymnasium of Malmédy. (*Siegers*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 42, 716.

BIOFILE: Toussaint, Fr., Bull. trim. Cercle natural. Libert Malmédy 1(4): 38-40. 1953 (biogr. notes; born at Kinzweiler, Aachen).

11.961. *Zusammenstellung der bei Malmedy vorkommenden Phanerogamen* und Gefässkryptogamen mit ihren Standorten. [Beilage zum Programm des Progymnasiums zu Malmedy. Ostern 1885. Progr.-No. 405]. Qu. (*Zusammenst. Malmedy vork. Phan.*).
Publ.: Mar-Apr 1885 (program for Easter 1885; Nat. Nov. Dec(1) 1885; Bot. Zeit. 25 Dec 1885; Bot. Centralbl. 11-15 Jan 1886), p. [i], [1]-32. *Copy*: MO.

Siegert, Gottlob (1789-1868), German (Silesian) amateur botanist, music director and composer at Breslau; educated at the Breslau Magdalenäum while being a vocalist in the Bernhardkirche and the local theatre; cantor at the Bürgerschule "zur heiligen Geist" 1812-1827; leader of the Siegert'schen Singverein für Kirchenmusik 1820-1847 and cantor with various musical societies. (*Siegert*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 225, 12(2): 175; Barnhart 3: 276 (b. 17 Mai 1789, d. 23 Jun 1868); Frank 3 (Anh.): 97; Hegi 6(2): 911; Rehder 2: 101.

BIOFILE: Anon., Flora 52: 90. 1869 (d.); Jahresber. schles. Ges. Vaterl. Cult. 46: 288-289. 1869 (obit.).
Pax, F., Schlesiens Pflanzenwelt 12. 1915; Bibl. schles. Bot. 41, 44, 46, 68, 72, 103, 149. 1929 (bibl.).
Wimmer, F., Fl. Schlesien 155. 1844.

EPONYMY: *Siegertia* Körber (1860).

Siegesbeck, Johann Georg (1686-1755), German (Prussian) botanist; Dr. med. Wittenberg 1716; physician at Seehausen i.M. 1718-1730; regional physician at Helmstedt 1730-1735; physician and director of the botanical garden of St. Petersburg 1735-1747; practicing physician at Seehausen 1747-1755; originally a friend, later an adversary of Linnaeus. (*Siegesb.*).

HERBARIUM and TYPES: LE.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 532; Barnhart 3: 276 (b. 22 Mar 1686, d. 3 Jan 1755); BM 4: 1923; Dryander 3: 45, 126, 203, 262; Herder p. 142, 161, 283, 418; Jackson p. 31; KR p. 641; Moebius p. 46; PR 8675-8679, 1128, 1206, 3353, ed. 1: 1254, 1350, 3669, 9636-9640; Rehder 1: 41, 250; SO 622-624, 625; TL-2/4726, 4735; TR 264.

BIOFILE: Andreae, A., Chronik der Aerzte des Regierungs-Bezirks Magdeburg 2: 207-213. 1862.
Baines, J.A., Vict. Natural. 90: 279. 1973 (epon.).
Blunt, W., The compleat naturalist 120-121, 130, 131. 1971.

Browallius, J., Examen epicriseos Siegesbeckianae in systema plantarum sexuale, Leiden 1743 (see TL-2/4726).
Eriksson, G., Bot. hist. Sverige 235, 238, 241, 280, 305. 1969.
Fries, Th.M., Bref Skrifv. Linné 1(3): 193, 236. 1909, 1(4): 33. 1910, 1(5): 253, 257, 259-260. 1911, 1(6): 43, 433. 1912.
Hulth, J.M., Bref Skrifv. Linné 1(8): 8, 9, 12, 15. 1922, 2(1): 51, 53, 55-57. 1916, et A.H. Uggla 2(2): 48, 49. 1943.
Lipsky, V.I., Imp. St. Petersb. bot. sada 3: 433-434. 1915 (bibl.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 667. 1985.
Nicolas, J.P., *in* G.H.M. Lawrence, Adanson 1: 155, 164, 165. 1963.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 924. 1863.
Rowell, M., Taxon 29(1): 26. 1980.
Shetler, S.G., Komarov Bot. Inst. 26, 27, 36, 64, 195. 1967.

EPONYMY: *Sigesbeckia* Linnaeus (1753).

11.962. Q.B.V. [Quod bene vertat] Rectore magnificentissimo ... dissertationem inauguralem medico botanicam de *Rorella* praeside Adamo Brendelio ... pro licentia impetrandi summos in arte salutari honores p.p. autor Io. Georg. Siegesbeck practicus seehusanus ad d. [] April [1716] in auditorio maiori horis ante et post meridiem statis. Vitembergae in Saxonibus [Wittenberg] (ex officina Samuelis Creusigii) [1716]. (*Rorella*).
Publ.: Apr 1716, p. [1]-39, [40]. *Copy*: B-S.

11.963. *Primitiae florae petropolitanae* sive catalogus plantarum tam indigenarum quam exoticarum, quibus instructus fuit hortus medicus petriburgensis per annum mdccxxxvi. Auctore Joanne Georg. Siegesbeck, ... Rigae [Riga] (Charactere Samuel. Laur. Frölich) [1736]. Qu. (in twos). (*Prim. fl. petrop.*).
Publ.: 1736 (p. viii: 7 Sep/27 Aug 1736), p. [i-viii], [1]-111. *Copies*: B-S, BM, G, USDA. *Catalogi horti medici petropolitani*, supplementum 1[-4], p. [1]-36. *Copy*: B-S (4 suppl. in one).

11.964. *Botanosophiae verioris brevis sciagraphia* in usum discentium adornata: accedit ob argumenti analogiam, epicrisis in clar. Linnaei nuperrime evulgatum systema plantarum sexuale, et huic superstructam methodum botanicam; auctore Io. Georgio Siegesbeck. M.D. ... Petropoli [St. Petersburg] (Typis Academiae) 1737. Qu. (*Botanosoph. ver. sciagr.*).
Publ.: 1737 (p. xviii: 11 Nov/1 Dec 1737), p. [i-xviii], [1]-64. *Copies*: FI, G, MO, NY.

11.965. *Vaniloquentiae botanicae specimen*, a M.Jo.[Io.] Gottlieb Gleditsch in consideratione epicriseos siegesbeckianae in scripta botanica Linnaei pro rite obtinendo sexualistae titulo, nuper evulgatum, jure vere retorsionis refutatum et elusam ... Petropoli [St. Petersburg] 1741. Qu. (*Vaniloq. bot. spec.*).
Publ.: 1741, p. [1]-54, [55, err.]. *Copies*: B-S, NY.

Siegfried, Hans (1837-1903), Swiss botanist and business man in Zofingen, id. from 1874-1881 in Zürich; dedicating himself to botany in Winterthur 1884-1896; in retirement at Bülach nr Zürich; specialist on *Potentilla*. (*Siegfr.*).

HERBARIUM and TYPES: Z (100.000 without Potentilla); some general material in BAS, E, FI, G, L, M (lich.), MANCH, MW, WRSL, Z (lich.). *Exsiccata Potentillarum spontanearum cultarumque*, cent. 1-8, 1890-1897 (and 45 spec. in Dec 1897), sets at B (mainly destr.), C, G, GOET, LAU, MANCH, P, TO, W. – For details see C. Schröter (1890-1897) and A. Zimmeter (1890-1904), DTS 1: 282-183, Keller (1889). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 811; Barnhart 3: 276 (b. 15 Jul 1837, d. 11 Jun 1903); CSP 18: 743; DTS 1: 282-283, 6(4): 198; Hortus 3: 1204; Morren ed. 10, p. 111; Urban-Berl. p. 398.

BIOFILE: Anon., Bot. Centralbl. 84: 157. 1910 (herb. Siegfried 100.000 to Z, without Potentilla).
Dalla Torre, K.W. v., Österr. bot. Z. 48: 155-157. 1898 (a further set of 45 spec. issued Dec 1897).
Keller, R., Bot. Centralbl. 40: 169-171, 199-203, 241-246, 277-283. 1889 ("Das Potentillarium von ... Siegfried in Winterthur").
Sagorski, Bot. Monatschr. 9: 44-45. 1891 (on his Potentillae exsiccatae).
Schinz, H., Verh. Schweiz. naturf. Ges. Locarno 1903, 86. Nekrologe: lxxii-lxxv (also in Züricher Post 14 Jun 1903, n.v.).
Schröter, C., Bot. Centralbl. 41: 411-412. 1890 (*Potentilla* exs. cent. 1), 45: 334-335. 1891 (cent. 2), 53: 313. 1893 (cent. 4), 58: 293. 1894 (cent. 5), 61: 288-289. 1895 (cent. 6), 65: 44. 1896 (cent. 7), 70: 82. 1897 (cent. 8).
Verdoorn, F., ed., Chron. bot. 3: 15. 1937.
Zimmeter, A., Österr. bot. Z. 40: 33-35. 1890 (also as reprint, p. [1-2]) (report on *Potentilla* exs. cent. 1), 41: 37-39. 1891 (cent. 2), 42: 146-147. 1892 (cent. 3), 43: 36-37. Jan 1893 (cent.4), 45: 37. 1896 (cent.6), 46: 72-74. 1896 (cent. 7), 47: 190-191. 1897 (cent. 8), 54: 119. 1904 (remaining coll. Potentilla for sale).

EPONYMY: The derivation of *Siegfriedia* C.A. Gardner (1933) was not given.

11.966. *Neue Formen und Standorte schweiz. Potentillen* ... Extrait du Bulletin de la Société botanique suisse, livraison 2 (1892). Oct.
1892: 1892, cover-t.p., p. [102]-108. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. Suisse (Ber. schweiz. bot. Ges.) 2: [102]-108. 1892.
1893: 1893, cover-t.p., p. [1]-4. *Copy*: G. – Id. 3: 128-132. 1893.
1895: 10 Apr 1895, cover-t.p., p. [1]-7, [8]. *Copy*: G. – Id. Bot. Centralbl. 62: 33-39. 10 Apr 1895.

11.967. *Neue Formen und Standorte schweizerischer Potentillen* ... Cassel (Druck von Gebrüder Gotthelft) 1895. Oct.
Publ.: 10 Apr 1895 (in journal: AbZ 15 Jun 1895), cover-t.p., p. [1]-7, [8]. *Copy*: G. – Reprinted and to be cited from Bot. Centralbl. 62: 33-39. 1895. – Other notes on *Potentilla* in Ber. schweiz. bot. Ges. 2: 102. 1892, 3: 128. 1893.

Siegmund, Wilhelm (1821-1897), Bohemian botanist, factory-owner and "Stadtrat" in Reichenberg (Bohemia). (*Siegm.*).

HERBARIUM and TYPES: PR (12.000). – Some lichens at M and WRSL; further material at B (mainly destr.), E, GOET, PRM. – Contributed to series of exsiccatae issued by Opiz and Rabenhorst.– *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 276 (b. 7 Mai 1821, d. 18 Nov 1897); Futak-Domin p. 537; Klásterský p. 171 (d. 18 Nov 1879, err.); LS 24885; Maiwald p. 140, 145, 163, 231, 256; Urban-Berl. 282, 291.

BIOFILE: Anon., Allg. bot. Z. 3: 208. 1897 (d.); Nat. Nov. 1898: 46.
Matouschek, F., Mitt. Ver. Naturfr. Reichenberg 30: 1-8. 1899 (bryol. work, portr.); Verh. zool.-bot. Ges. Wien 50: 286. 1900.
Pax, F., Bibl. Schles. Bot. 139, 149. 1929.
Schade, A., Nat. Lusat. 5: 33. 1961.
Schiffner, V., Lotos 1907(9): 147.
Wittrock, V.B., Acta Horti Berg. 3(2): 85. 1903.
Wagenitz, G., Index coll. princ. herb. Gott. 157. 1982.

Siehe, Walter (1859-1928), German (Berlin) plant collector and salesman; botanical explorer of Turkey. (*Siehe*).

HERBARIUM and TYPES: AUT, B (in part extant), BM, BR, E, G, GB, JE, K, L, MANCH, MO, OXF, P, STU, W, Z. – *Exsiccatae* distributed as *Botanische Reise nach*

Cilicien, 1895-1896, also *Flora Ciliciae*, 1897, *Flora orientalis* 1898, 1906-1913, *Sammlung seltener orientalischer Pflanzen* 1912-1913, e.a. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 511; Barnhart 3: 276 (b. 15 Jan 1859, d. 10 Mar 1928); Biol.-Dokum. 17: 8671-8672; Clokie p. 244; Hortus 3: 1204; IH 2: (files); MW p. 451; Rehder 5: 798; Urban-Berl. 398; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Anon., Gartenwelt 32: 196. 1928 (obit. not.); Hedwigia 68: (135). 1929 (d.); Österr. bot. Z. 77: 240. 1928 (d.).
Hayek, A. v., Ann. k.k. Naturh. Hofmus. Wien 28: 150-188, *pl. 11-14*. 1914 (*Plantae Sieheanae*).
Siehe, W., Botanische Forschungsreise nach Kleinasien 1895 (a series of papers published in der "Sammler", reprinted in Allg. bot. Z. 1(4): 87-88. 1895 (introd. letter), 1(5): 109-111. 15 Mai 1895, 1(6): 126-128. 15 Jun 1895, 1(8): 166-167. 15 Aug 1865, 1(9): 182-183. 15 Sep 1892; Vegetationsbilder aus dem Cilicischen Taurus, Berlin 1897, *30 pl.* (n.v.).
Wagenitz, G., Willdenowia 2: 410, 413-416. 1960 (bibl., epon., notes on coll.).

Siemaszko, Wincenty [Vincent] (1887-x), Polish plant pathologist and mycologist; Dr. phil. Cracow; professor of plant pathology at the Warsaw college of Agriculture, also director of the Phytopathological Institute Skierniewice. (*Siemaszko*).

HERBARIUM and TYPES: *Fungi Bialowiezenses exsiccati*, Warsaw 1924-1925, cent. 1-2, sets at CUP, E, FH, K, PRC. – With A. Wróblewski, *Fungi polonici selecti exsiccati*. Dec. 1-2, nos. 1-20. 1933, set at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 276; Hirsch p. 275; Stevenson p. 1258.

BIOFILE: Szymkiewicz, D., Bibl. Fl. Polsk. 21, 32. 1925.

EPONYMY: *Siemaszkoa* I.I. Taveres et T. Majewski (1976, also honors Janina Siemaszkoa).

Sierstorpff, Kaspar Heinrich, Freiherr **von** (1750-1842), German (Hannover) forest botanist and master of the hunt in Braunschweig. (*Sierstorpff*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1924; Herder p. 382; PR 8682-8683, ed. 1: 9649-9650; Rehder 5: 798-799; Tucker 1: 650.

BIOFILE: Hess, R., Lebensbild. hervorr. Forstmänn. 343-344. 1885.

11.968. *Ueber die forstmässige Erziehung, Erhaltung und Benutzung der vorzüglichsten inländischen Holzarten.* Nebst einigen Beiträgen, welche das Forstwesen überhaupt betreffen ... Hannover (bei den Gebrüdern Hahn) 1796-1813, 2 vols. Qu. (*Forstm. Erzieh. Holzart.*).
1: 1796, p. [1]-286, *pl. 1*, *1a*, *1b*, *2-6* (handcol. copp.).
2: 1813 (p. x: 12 Jun 1812), p. [i]-xxi, [xxii, err.], [1, binder], [1]-236, *pl. 1-5* (id.) with text. – "Zweiter Theil, welcher die Beschreibung der Fichte enthalt".
Copy: BR.

Sieurin, Johan Magnus (1813-1846), Swedish botanist and physician; Dr. phil. Uppsala (under E. Fries) 1836; med. lic. ibid. 1844; assistant for natural history and librarian at the Karolinska Inst., Stockholm 1840-1845; ships physician on the Carlskrona 1845; drowned off Cape Matanzas, Cuba. (*Sieurin*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 276; BM 4: 1924; CSP 5: 690; KR p. 641 (b. 9 Aug 1813, d. 30 Apr 1846); PR ed. 1: 11812; Rehder 1: 354, 3: 100; TL-2/1878.

BIOFILE: Anon., Bot. Not. 1844: 81-93, 103-105. 1845: 174 (on a botanical trip to N. Halland); Bot. Zeit. 4: 519-520. 1846 (student of Areschoug; drowned off Cuba).

COMPOSITE WORKS: See E.M. Fries, *Synopsis generis lentinorum*, Uppsala 10 Jun 1836, see TL-2/1878. Copies at G and HU. – Dissertation defended by Sieurin, to be attributed to Fries.

Sievers, Johann Erasmus (x-1795), German (Hannover) pharmacist, botanist and explorer; traveller in Southern Siberia and Mongolia 1790-1795. (*Sievers*).

HERBARIUM and TYPES: LE; some further material in H and MW.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 886, 6(2): 76 (b. 1771, d. 1801 Riga, probably erroneous); Backer p. 532; Bret. p. 313; Dryander 3: 274; Hegi 4(2): 908; Herder p. 60 (Briefe aus Siberien, 1796); Lasègue p. 414, 503; Rehder 1: 453; TL-2/see J.F. Ehrhart; TR 1294 (Briefe aus Siberien has botany).

BIOFILE: Borodin, J., Trav. Mus. bot. Acad. Sci. St. Petersburg 4: 105-106. 1908 (details on Siberian travels; eponymy).
Herder, F. v., Bot. Jahrb. 9: 431, 432, 451-452. 1888 (details on Siberian journey; committed suicide in St. Petersburg upon his return); Bot. Centralbl. 55: 269. 1893, 56: 390. 1894 (coll. LE).
Kukkonen, I., Herb. Steven 93. 1971.
Lindemann, E. v., Bull. Soc. Natural. Moscou 61(1): 74. 1886 (herb. at LE, dupl. MW).
Pallas, P.S., Nova Acta Acad. Leop. 10: 369-383. *pl. 6-11*. 1797.

HANDWRITING: S.V. Lipschitz & I.T. Vasilczenko, Central herbarium of the USSR 1968, p. 121.

EPONYMY: *Novosieversia* F. Bolle (1933); *Sieversia* Willdenow (1811).

11.969. Johann Sievers ... *Briefe aus Siberien* an seine Lehrer ... Herrn Brande, ... Herrn Ehrhart, ... Herrn Westrumb. St. Petersburg (bei Zacharias Logan) 1796. Oct. (*Briefe Siberien*).
Orig. ed.: 1796 (p. 4: Mar 1795), p. [1]-226, *1 pl. Copies*: H, LC.
Reprint: *in* Pallas, Neueste Nord. Beytr. 3: 149-370. 1796 (fide TR).

Sievers, Wilhelm (1860-1921), German (Hamburg), geographer and explorer; Dr. phil. Göttingen 1882; lecturer for geography Univ. Würzburg 1887, e.o. prof. id. 1890; ordinary professor of geography Univ. Giessen 1903-1921. (*W. Sievers*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BJI 1: 54; BL 1: 256, 318; BM 4: 1924; CSP 18: 747; Langman p. 701.

BIOFILE: Acosta-Solis, M., Naturalista y viageros científicos ... Ecuador 49, 132. 1968 (brief note on visit Ecuador).
Anon., Brit. Mus. gen. cat. print. books 222: 185-186. 1964; Cat. gén. livr. impr. Bibl. natl. 172: 678-680. 1948.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 4(2): 1396. 1904, 5: 1165 (b. 3 Dec 1860, d. 1 Jun 1921, bibl.).

11.970. *Die Cordillere von Mérida* nebst Bemerkungen über das Karibische Gebirge. Ergebnisse einer mit Unterstützung der Geographischen Gesellschaft zu Hamburg 1884-1885 ausgeführten Reise von Dr. W. Sievers ... Wien und Olmütz (Eduard Hölzel) 1888. Oct. (*Cord. Mérida*).
Publ.: 1888 (p. iv: 29 Feb 1888), p. [i]-viii, [1]-238, map. *Copies*: Ewan, NSUB, Univ. Illinois. – Geogr. Abh., ed. A. Penck, vol. 3(1). 1888.
Ref.: Ernst, A., Bot. Jahrb. 11 (Lit.): 45-49. 1889 (rev.).

11.971 *Zweite Reise in Venezuela* in den Jahren 1892/93 auf Kosten der Geographischen Gesellschaft in Hamburg ... [Hamburg (L. Friederichsen & Co. ...) 1896]. Oct.
Publ.: 1896, 327 p. *Copy*: Ewan. – Issued as Mitt. Geogr. Ges. Hamburg 12, 1896.

11.972. *Reise in Peru und Ecuador* ausgeführt 1909 von Wilhelm Sievers ... München (Verlag von Duncker & Humblot) 1914. Oct. (*Reise Peru*).
Publ.: 1914 (p. vii: Dec 1913), p. [ii]-xii, 1-411, *pl. 1-7. Copies*: Ewan, Wurdack. – Wiss. Veröffentl. Ges. Erdk. Leipzig 8, 1914. – "Die Nutzpflanzen ..." on p. 302-316.

Sigmond, George Gabriel (*fl.* 1840), English pharmacist, professor of materia medica to the Royal medico-botanical Society of London. (*Sigmond*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR ed. 1: 9652; Rehder 3: 365, 606; Tucker 1: 650.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2100. 1878.

11.973. *The Ceylon moss.* Communications read to the Royal medico-botanical Society of London and published with its permission, ... London (Henry Renshaw, ...) 1840. Duod. (*Ceylon moss*).
Co-author: Frederick John Farre (1804-1886).
Publ.: 1840 (p. 6: Mar 1840), p. [1]-85. *Copy*: FH.

Sigriansky, Alexandre (1882-?), Russian botanist; studied natural sciences at Geneva 1911-1913; worked at the Botanical Institute; Dr. sci. nat. 1913. (*Sigriansky*).

HERBARIUM and TYPES: Unknown.

BIOFILE: Briquet, J., Bull. Soc. bot. Suisse 50a: 441-442. 1940 (some biogr. details).

11.974. *Quelques observations sur l'Ephedra helvetica* Mey. Thèse présentée à la Faculté des Sciences de l'Université de Genève pour l'obtention du grade de docteur ès sciences naturelles ... Genève (Imprimerie Albert Kündig, ...) 1913. Oct. (*Observ. Ephedra helv.*).
Publ.: 13 Nov-31 Dec 1913 (printing authorized 13 Nov 1913), p. [1]-62. *Copy*: G. – Univ. Genève, Fac. Sci. (Lab. Bot.) ser. 8, fasc. 10 (Thèse no. 523).

Siim-Jensen, Johannes (1870-1921), Danish pharmacist; Dr. phil. Marburg 1900; librarian at the Pharmaceutical School in Copenhagen as well as pharmacist at the military hospital. (*Siim-Jensen*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 16: 8680.

BIOFILE: Anon., Krak's Blaa Bog 1911: 442, 1915: 547, 1920: 684, 1923: 14. Christensen, C., Danske bot. Litt. 1912-1939, p. 88. 1940 (bibl.).

11.975. *Beiträge zur botanischen und pharmacognostischen Kenntniss von Hyoscyamus niger* L. Inaugural-Dissertation zur Erlangung der Doctorwürde bei der hohen philosophischen Facultät der Universität Marburg ... Marburg 1900. Oct. (*Beitr. Hyoscyamus nig.*).
Thesis: 1900 (date on t.p.; accepted by Faculty on 22 Jul 1900), p. [i-ii], [1]-86, [87, vita]. *Copy*: NY.
Regular issue: 1901 (journal issue ÖbZ for Mar 1901), Bibl. bot. 51: [i-iv], [1]-89, [90], *pl. 1-6. Copies*: LC, LD, MO, NSUB, Univ. Illinois.

Silipranti, Giovanni (*fl.* 1887), Italian botanist; science teacher at the Technical college of Udine; later at Foggia. (*Silipranti*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 395, 716; Rehder 1: 429; Saccardo 1: 154; Tucker 1: 651.

BIOFILE: Anon., Bot. Centralbl. 57: 256. 1894 (d.); Nat. Nov. 16: 165. 1894 (d.); Österr. bot. Z. 44: 159. 1894 (d.).
Arnell, H.W., Bot. Centralbl. 25: 349-350. 1886 (rev. exsicc.).
Sayre, G., Mem. New York Bot. Gard. 19(2): 226-227. 1971 (exsicc.); Bryologist 80: 518. 1977.

11.976. *Contribuzione alla flora dei dintorni di Noto* ... Modena (Tipi di G.T. Vincenzi e nipoti) 1887. Oct. (*Contr. fl. Noto*).
Publ.: 1887 (Bot. Zeit. 30 Sep 1887; Nat. Nov. Aug(1) 1887), p. [1]-25. *Copy*: FI. – Reprinted from Atti Soc. Natural. Modena (mem. orig.) ser. 3. 6: 22-44. 1887. – List.

Sillén, Olof Leopold (1813-1894), Swedish pharmacist and bryologist; pharmacist in Gävle 1849-1866. (*Sillén*).

HERBARIUM and TYPES: UPS. – Published two sets of exsiccatae (see KR p. 642): (1) *Musci Sveciae exsiccati* fasc. 7-8 (nos. 151-200), Gevaliae (A.P. Landin) 1878. Sets e.g. at BM, C, FH, GB, H, PC, S, W (fasc. 1-4 by S.J. Lindgren, fasc. 5-6 by K.F. Thedenius). (2) *Musci frondosi Scandinaviae exsiccati*. Fasc. 1-2. Gevaliae. Fasc. 1, 1875 (distr. Feb 1879), nos. 1-300; fasc. 2, 1884 (distr. Jan 1886), nos. 301-506. Sets at H, LD, NY, S, UPS, W. – See Sayre (1971).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 278; Bossert p. 366; KR p. 642 (b. 8 Mai 1813, d. 17 Jan 1894); TL-2/see S.J. Lindgren; Urban-Berl. p. 314.

BIOFILE: Anon., Bot. Centralbl. 57: 256. 1894 (d.); Bot. Not. 1872: 28 (trip Götland); Hedwigia 33: (66). 1894 (d.); Nat. Nov. 16: 165. 1894 (d.); Österr. bot. Z. 44: 159. 1894 (d.).
Arnell, H.W., Bot. Centralbl. 25: 349-350. 1886 (rev. exsicc.).
Högrell, B., Bot. hist. 270. 1886.
Sayre, G., Mem. New York Bot. Gard. 19(2): 254. 1971 (exsicc.).

NOTE: Nils Jacob Sillén (26 Sep 1788-16 Dec 1857), professor of "practical economy" at Uppsala, was the professor under whom the dissertation of N.W. Lundeqvist, *Fl. paroec. Bränkyrka*, 1827, was defended. See TL-2/5106 for authorship.

Silliman, Benjamin (1779-1864), American chemist and geologist; graduated from Yale College 1796; professor of chemistry and natural history ib. 1802-1864 (from 1853 emeritus); founder of the American Journal of Science (1818). (*Silliman*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 278 (b. 8 Aug 1779, d. 24 Nov 1864); BM 4: 1925, 8: 1191; Bossert p. 366; CSP 5: 694-697, 8: 954, 12: 682; DAB 17: 160-163; DSB 12: 432-434 (bibl.); Lenley p. 469; ME 1: 230, 3: 655; Merrill p. 711-731; PH p. 528 [index]; Quenstedt p. 398; SIA (index); TL-2/797.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2101. 1878.
Anon. Amer. J. Pharm. 37: 77-78. 1865 (obit.); Amer. J. Sci. 50: frontisp. 1847 (portr.); Brit. Mus. gen. cat. print. books 222: 348-349. 1964; Natl. Cycl. Amer. biogr. 2: 385-386. 1921; Who was who Amer., Hist. vol. 555. 1967.
Caswell, A., Annual Natl. Acad. Sci. 1866: 111-125. 1867; Biogr. Mem. Natl. Acad. Sci. 1: 99-112. 1879 (biogr.).
Clarke, J.M., James Hall of Albany 564 [index] 1923.
Dana, E.S. et al., A century of science in America 23-25, 2 portr. 1918.
Dana, J.D., Amer. J. Sci. ser. 2. 39: 1-9. 1865, Canad. Natural. 1: 461-469. 1864 (obit.).

Elliot, C.A., Biogr. dict. Amer. Sci. 236-237. 1979.
Ewan, J., Trans. Stud. Coll. Phys. Philadelphia ser. 5. 5(4): 313-314. 1983.
Ewan, J. et al., Short hist. bot. U.S.A. 39, 98. 1969.
Fenton, C.L. & M.A., Giants of geology, New York 1952, p. 133-136.
Fisher, G., Life of Benjamin Silliman, 2 vols. London 1866, 815 p.
Fulton, J.F. & E.H. Thomson, Benjamin Silliman 1774-1864, pathfinder in American science, New York 1968, xi, 294 p. (detailed biogr., sec. refs., portr.).
Gilman, D.C., *in* D.S. Jordan, Leading American men of Science 89-117. 1910.
Graustein, J.E., Thomas Nuttall 478. 1967 (index).
Kelly, H.A., Cycl. Amer. med. biogr. 2: 373-374. 1912; Amer. med. biogr. 1052-1053. 1920.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 931. 1863, 3: 1247. 1898 (bibl.).
Rodgers, A.D., William Starling Sullivant 357. 1940 (index), John Torrey 349. 1942 (index).
Rossiter, M.W., New England Quart. 44(4): 602-626. 1971 (S. and the Lowell Inst.).
Scott Barr, E., Amer. J. Physics 32(4): 296-298. 1964 (gen. biographical).
Sinnott, E.W., Science 108: 227-229. 1948 (on S. and the Amer. J. Sci.).
Thoms, H., The doctors of Yale College 1702-1815, Hamden, Conn. 1960), 123-127.
Warren, H., Sci. Mon. 67: 58-60. 1948 (on Silliman and the Sheffield Scientific School at Yale).
Youmans, W.J., Pioneers of science in America 140-151. 1896.

COMPOSITE WORKS: Founder and editor of *American Journal of Science*, vols. 1-ser. 2, 38, 1818-1864.

HANDWRITING: J.F. Fulton & E.H. Thompson (1968), pl. facing. p. 18.

EPONYMY: *Sillimania* Unger (1850).

Silva Tarouca, Ernst Emanuel, Graf (1860-1936), Austrian/Moravian botanist, agriculturist and dendrologist; developed an extensive arboretum on his estate at Pruhonice nr Praha. (*Silva-Tar.*).

HERBARIUM and TYPES: Unknown. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 278 (d. 15 Aug 1936); BFM 3018-3020; BM 8: 1191-1192; Bossert p. 367; Futak-Domin p. 539-540; Hortus 3: 1204; Tucker 1: 651; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Anon., Bull. misc. Inf. Kew 1936: 501-502 (obit. not.); Mitt. deut. dendrol. Ges. 1917: 248 (portr.); Österr. bot. Z. 85: 320. 1936 (d.).
Schneider, C., Mitt. deut. dendrol. Ges. 48: 14-15. 1936 (obit., portr.).
Verdoorn, F., ed., Chron. bot. 3: 89, 93-94 (portr.), 120. 1937.

11.977. *Unsere Freiland-Stauden* Anzucht, Pflege und Verwendung aller bekannten, in Mitteleuropa im Freien kulturfähigen ausdauernden krautigen Gewächse. Unter Mitwirkung von Georg Arends, Goos & Koenemann, Camillo Karl Schneider, James Veitch & Sons und Franz Zernan im Auftrage der Dendrologischen Gesellschaft für Österreich-Ungarn herausgegeben von Ernst Graf Silva Tarouca ... Leipzig (G. Freytag ...), Wien (F. Tempsky) 1910. Oct. (*Freiland-Staud.*).
Publ.: 1910 (p. iii: Mar 1910; Nat. Nov. Aug(1) 1910), p. [i]-xlviii, 1-285, *pl. 1-6. Copies*: B-G, NY, PH, USDA.
Ed. 2: 1913 (preface: Mar 1913; BR rd 27 Oct 1913), p. [1]-382, [1], *pl. 1-12. Copies*: B-G, BR, USDA.
Ed. 3: 1922 (ÖbZ for Oct 1922-Feb 1923; Nat. Nov. Dec 1922), p.[i]-x, [xi-xii], [1]-418, [419]. *Copies*: GOET (inf. G. Wagenitz), USDA. – "*Unsere Freiland-Stauden* ... Gewächse unter Mitwirkung von Istvan Graf Ambrózy-Migazzi, Georg Arends, M. Geier, Goos & Koenemann, W. Kesselring, A. Purpus, Herbert Graf Schaffgotsch, H. Teuscher, Franz Zeman und H. Zörnitz herausgegeben von Ernst Graf Silva Tarouca

und Camillo Schneider ... 1922 Hölder-Pichler-Temsky A.G." – Kulturbücher für Gartenfreunde, vol. 1.

Ed. 4: 1927 (p. (v: Jul 1927), p. [i]-x, [1]-415, *pl. 1-8. Copies*: B-G, USDA. – "*Unsere Freiland-Stauden* ... Gewächse unter Mitwirkung von Istvan Graf Ambrózy-Migazzi, Georg Arends, M. Geier, Th. Hoog Jr., W. Kesselring, W. Kriechbaum, K. Poethig, A. Purpus, Herbert Graf Schaffgotsch, H. Teuscher, Franz Zeman und H. Zörnitz herausgegeben von Ernst Graf Silva Tarouca und Camillo Schneider ..." 1927. Wien (Hölder-Pichler-Tempsky A.G.), Leipzig (G. Freytag A.G.).

Ed. 5: 1934 (p. v: Sep 1933), p. [i]-xii, [1]-482, [483]. *Copies*: G, NY. – "Unsere *Freiland-Stauden* ... Unter Mitwirkung von ... im Verein mit Wilhelm Kesselring herausgegeben von Ernst Graf Silva Tarouca und Camillo Schneider ..." 1934, id.

11.978. *Unsere Freiland-Nadelhölzer* Anzucht, Pflege und Verwendung aller bekannten, in Mitteleuropa im Freien kulturfähigen Nadelhölzer mit Einschluss von Gingko und Ephedra unter Mitwirkung von Adolf Cieslar, R. Hickel, Wilhelm Kesselring, Alfred Rehder, Camillo Schneider, E.H. Wilson, Egbert Wolf u. Franz Zeman im Auftrage der Dendrologischen Gesellschaft für Österreich-Ungarn herausgegeben von Ernst Graf Silva Tarouca ... Wien (F. Tempsky), Leipzig (G. Freytag ...) 1913. Oct. (*Freiland-Nadelgehölz.*).

Publ.: Aug-Sep 1913 (p. 6: Jul 1913; p. [302]: Ende Juli 1913; BR rd 28 Oct 1913; Kew Bull. 11 Dec 1913; ÖbZ for Oct-Dec 1913; Bot. Centralbl. 17 Feb 1914), p. [1]-301, [302], *pl. 1-12* (col.), *1-6* (uncol.). *Copies*: B-G, BR, MO, NY, USDA.

Ed. 2: 1923 (p. vi: Apr 1923; ÖbZ for Jul-Oct 1923), p. [i]-xii, [1]-315, *pl. 1-12* (col.), *1-6* (uncol.). *Copies*: G, NY, USDA. – "... Unter Mitwirkung von Otto Appel, Adolf Cieslar, Paul Kache, Wilhelm Kesselring, Alfred Rehder, Heinrich Teuscher, E.H. Wilson, Egbert Wolf und Franz Zeman herausgegeben von Ernst Graf Silva Tarouca und Camillo Schneider ..." Wien (Hölder-Pichler-Tempsky A.G.), Leipzig (G. Freytag ...) 1923. Oct. – Kulturhandbücher für Gartenfreunde, vol. 3.

11.979. *Unsere Freiland-Laubgehölze* Anzucht, Pflege und Verwendung aller bekannten, in Mitteleuropa im Freien kulturfähigen Laubgehölze unter Mitwirkung von Istvan Baron Ambrózy, Georg Arends, C. Heicke, Herm. A. Hesse, Wilhelm Kesselring, A. Purpus, Alfred Rehder, Camillo Schneider, Prof. Schwappach, Fritz Graf Schwerin, Hellmut Spaeth, H. Veitch, Egbert Wolf und Franz Zeman im Auftrage der Dendrologischen Gesellschaft für Österreich-Ungarn herausgegeben von Ernst Graf Silva Tarouca ... Wien (F. Tempsky), Leipzig (G. Freytag ...) 1913. Oct. (*Freiland-Laubgehölz.*).

Publ.: Dec 1912 (t.p. 1913; BR rd 27 Oct 1913; p. 420 dated 1 Nov 1912; ÖbZ for Dec in issue for 1 Feb 1913), p. [1]-419, [420], *pl. 1-16* (col.). *Copies*: B, B-G, BR, PH, U, USDA.

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Ed. 3: 1931 (p. [v]: Oct 1930), p. [i]-xii, [1]-434, *pl. 1-8. Copies*: B-G, NY, USDA. – "... Unter Mitwirkung von István Graf Ambrózy-Migazzi, Georg Arends, C. Heicke, Z. Kache, Wilhelm Kesselring, A. Purpus, Alfred Rehder, Prof. Schwappach, Fritz Graf Schwerin, Egbert Wolf, W. Wüst und Franz Zeman ..." Wien (id.), Leipzig (id.) [1931].

Silveira, Alvaro Astolpho da (1867-1945), Brazilian botanist, civil and mining engineer; geologist on the Commissão geographica e geologica do Estado de Minas Geraes 1894, chief engineer id. 1895. (*Silveira*).

HERBARIUM and TYPES: R; some other material at B (mainly destr.), BAS and BHMG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 278 (d. 23 Sep 1867, d. 25 Nov 1945); BM 4: 1926, 8: 1192; IH 2: (files); Tucker 1: 651, 3: 281; Urban-Berl. 323, 398.

BIOFILE: Anon., Biologia 1(4): 15. 1947 (d.).
Urban, I., Fl. bras. 1(1): 112-113. 1906 (biogr. notes, bibl., itin.).

11.980. *Flora e serras Mineiras* ... Bello Horizonte (Imp. Off.). 1908. Oct. (*Fl. serr. Min.*).
Publ.: 1908, p. [1]-206, *pl. 1-30*, p. [i]-iii, [v, err.]. *Copies*: HH, USGS.

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Publ.: 1916 (read Jun 1916), p. [1]-54, [55], *pl. 1-32*. *Copy*: USDA.

11.982. *Floralia montium.* Bello Horizonte (Imprensa official) 1928. Oct. (*Floral. mont.*).
1: 1928, p. [1]-426, [427], [i]-ix, *pl. 1-254*, (with *5a*, *33**, *39**, *63**, *63bis*, *92**, *180**, *196**, *196***, *240**; various numbers misprinted).
2: 1931, p. [1]-639, [641], *pl. 1-9*, *9a*, *9b*, *9c*, *10-131*, [i]-xxiii, [1]-4, [5, err.], [7, note on author].
Copies: B-S, G, HH, MO, NY, US, USDA.

Silvestri, Antonio de (1836-x), Italian botanist. (*A. Silvestri*).

HERBARIUM and TYPES: FI.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 338, 716; IH 1 (ed. 2): 51, (ed. 3): 62, (ed. 6): 364, (ed. 7): 343; Jackson p. 62, 315; TL-2/see H. Handel-Mazetti.

11.983. *Le piante pratensi* ossia le erbe dei prati e dei pascoli iltaliani descritte per famiglie naturali adorne da circa figure cinquecento intercalate nel testo disegnate dal vero dal signor Annibale Signorile opera dedicata agli agricoltori, ... ecc., ecc. ... Torino (Tipografia editrice G. Candeletti ...) 1879. Oct. (*Piante prat.*).
Ed. [1]: 1879 (p. vii: Apr 1879), portr., p. [i]-vii, [1]-408. *Copies*: LC, Natl. Libr. Medicine.
Ed. 2: 1883 (p. iv: 16 Oct 1880; Bot. Zeit. 28 Mar 1884 as of 1883; Nat. Nov. Feb(2) 1884), portr., p. [i]-iv, [1]-432. *Copy*: B-S.
Ed. 3: 1887 (Bot. Zeit. 25 Nov 1887; Nat. Nov. Mar(2) 1887).
Ed. 4:
Ed. 5:
Ed. 6: 1896 (Nat. Nov. Feb(2) 1896).

Silvestri, Filippo (1873-1949), Italian entomologist and botanist; educated at the University of Palermo; with the Laboratory of comparative anatomy, Univ. Roma and at the Dept. of Zool., Museum Buenos Aires (1898-1899); director of the Zoological Station, Portici 1904-1948; in retirement 1948-1949. (*F. Silvestri*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 410, 716; BM 4: 1926, 8: 1192; LS 39242, suppl. 25590; Saccardo 1: 154; Tucker 3: 281.

BIOFILE: Anon., Annuar. pontif. Accad. Sci. 1: 674-706. 1936 (curr. vit., port., bibl.); Brit. Mus. gen. cat. print. books 222: 459-460. 1964; Chi è?, Diz. biogr. Ital. oggi 5: 869. 1948 (b. 22 Jun 1873); Encicl. ital. Sci. lett. art. [..]: 788. 1936; Science 110: 460. 1949 (d. 10 Jun 1949); World biogr. L-Z: 4375-4376. 1948.
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Cotronei, G., Boll. Lab. Zool. gen. agr. Portici 33: xi-xxxix. 1956 (biogr., evaluation, portr.).

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Jannone, G., Vita di Scienziato (biografia di Filippo Silvestri) Pisa 1950, 199 p. (biogr.).
Masi, L., Mem. Soc. entom. ital. 38: 125-135. 1949 (obit., portr.).
Orfila, R.N., Revist. Soc. entom. Argent. 14: 322-326. 1950 (obit.).
Porter, C.E., Revista chil. Hist. nat. 39: 225-227. 1935 (portr.).
Russo, G., Bull. Lab. entom. agrar. Portici 9: iii-xlix. 1949 (obit., portr., bibl.).
Verdoorn, F., ed., Chron. bot. 4: 46. 1938.
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11.984. *Contributo allo studio della flora mevanate.* Appunti di Silvestri Filippo. Perugia (Tipografia G. Guerra e C.) 1891. Oct. (*Contr. fl. mevan.*).
Publ.: 1891 (Bot. Centralbl. 2 Mar 1892; Nat. Nov. Mar(1) 1892), p. [1]-40. *Copy*: FI.

Silveus, William Arents (1875-1953), Texas botanist and attorney; BA Waynesburg Coll. 1901; LLB Univ. Texas 1906; attorney in San Antonio, Texas 1906-1927; from then on in retirement dedicating himself e.g. to agrostological research. (*Silveus*).

HERBARIUM and TYPES: TEX (LLC); other material at US. – Field notes also in TEX.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 278 (b. 6 Nov 1875); IH 1 (ed. 3): 19, (ed. 6): 364, (ed. 7): 343; SIA 227 (HI 107).

BIOFILE: Acheson, S.H., Texian Who's who 1: 422. 1937.
Anon., Who's who Amer. 18-26, 1934-1951; Who was who Amer. 5: 662. 1969-1973.
Hitchcock, A.S., & A. Chase, Man. grass. U.S. 989. 1951 (epon.).
Tharp, B.C., Rhodora 56: 163-167. 1954 (obit., 16 Aug 1953).
Verdoorn, F., ed., Chron. bot. 1: 377. 1935, 2: 405. 1936, 4: 452. 1938.

11.985. *Texas grasses* classification and description of grasses descriptive systematic agrostology ... Plants illustrated by photographs and drawings illustrated keys of subfamilies and tribes technical terms defined and illustrated. Drawings by Olive Vandruff. Published by the author [San Antonio (printed by the Clegg Company)] 1933. Oct. (*Texas grass.*).
Publ.: 1 Nov 1933 (p. ii: publ. 1 Nov 1933), p. [i]-xlvi, [xlvii], [1]-782. *Copies*: BR, HH, MO, US, USDA.
Ref.: Rendle, A.B., J. Bot. 72: 180-181. Jun 1934 (rev.).

11.986. *Grasses.* Classification and description of species of Paspalum and Panicum in the United States ... Plants illustrated by photographs and drawings illustrated keys of groups names diacritically marked. Drawings by Lillie May Hagner ... San Antonio, Texas (published by W.A. Silveus) [1942]. Oct. (*Grasses*).
Publ.: Aug 1942 (p. iv), p. iii[sic]-x, [xi], 1-526. *Copies*: HH, MO, NY, PH, USDA.

Sim, Thomas Robertson (1856-1938), Scottish botanist; gardener in the Royal Horticultural Society's garden at Chiswick 1874, at the Royal Gardens Kew 1878; worked in the Harvard botanical garden, Cambridge, Mass. 1879-1880 and in a garden at Milton, Mass. 1880-1881; fruit grower at Inchmark, Scotland 1884-1888; to South Africa 1889; curator of the King William's Town botanical garden 1889-1894; government forester in the Cape Forestry Department 1894-1902; organised a forest department for Natal 1902; conservator of forests Natal 1903-1907; nurseryman in Pietermaritzburg 1908; D.Sc. h.c. Univ. S. Afr. 1919. (*Sim*).

HERBARIUM and TYPES: PRE (crypt.), NU (phan.); further cryptogams in BM, BOL, E, GRA, L, NBG, NH, NU, SAM, STE, WELC; further phanerogams at A, ABD, E, K, LIV, NMW, OXF, PRE, SAM. – Library at PRE. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 779; BJI 1: 54; BL 1: 28, 29, 47, 318; BM 4: 1927, 8: 1192; Desmond p. 559-560; Hortus 3: 1204; IF p. 730, suppl. 1: 85, suppl. 2: 39,

suppl. 4: 339; IH 1 (ed. 6): 364, (ed. 7): 343; LS 39243; NI 1844-1846; SBC p. 132; TL-1/1230; Tucker 1: 225, 651, 3: 281-282; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Bayer, A.W., S. Afr. J. Sci. 67: 408-409. 1971.
Bews, J.W., Intr. Fl. Natal Zululand 3. 1921.
Bullock, A.A., Bibl. S. Afr. Bot. 106. 1978 (bibl.).
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Lowden, R.M., Taxon, Index pers. names vols. 1-30. 669. 1985.
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Rosenthal, E., S. Afr. dict. natl. biogr. 344. 1966.
Sayre, G., Bryologist 80: 518. 1977 (coll. musci PRE, BM).
Tyrrell-Glynn, W. & M.L. Levyns, Flora africana 59. 1963.
Verdoorn, F., Ann. Bryol. 12: viii. 1939 (d.).

NOTE: Robert Sim (1791-1878) was a Scottish nurseryman who specialised in ferns. He published a *Catalogue of British and exotic ferns* in 1863 (see e.g. Desmond p. 559). Sim's fern herbarium is at K. – John Sim (1824-1901), Scottish market gardener and hepaticologist, father of Thomas Robertson Sim, had a herbarium which is untraced; some material in E, K and OXF.

EPONYMY: *Simia* S. Arnell (1962).

11.987. *Handbook of the ferns of Kaffraria* comprising descriptions and illustrations of the ferns and descriptions of the plants allied to ferns with cultural notes, &c. ... Aberdeen (printed by Taylor & Henderson ...) 1891. Oct. (*Handb. ferns Kaffraria*).
Publ.: 1891 (Bot. Zeit. 30 Oct 1891; J. Bot. Aug 1891; Nat. Nov. Jun(2) 1891), p. [i]-vi, [vii], [1]-62, [63], *pl. 1-66* (col. liths. auct.). *Copies*: B-S, HH, MO, NY; IDC 5162.

11.988. *The ferns of South Africa* containing descriptions and figures of the fern allies of South Africa with localities, cultural notes, &c. ... Cape Town and Johannesberg [sic] (J.C. Juta & Co.), London (Wm. Wesley & Son, ...) 1892. Oct. (*Ferns S. Afr.*).
Publ.: 1892 (p. iv: Aug 1892; Bot. Zeit. 16 Jun 1893; Bot. Gaz. Aug 1893; Nat. Nov. Feb 1893), p. [i*-iv*], [i]-iv, [1]-275, *pl. 1-159* (uncol. liths. auct.). *Copies*: B-S, HH, NY; IDC 5163.
Ed. 2: 1915 (p. ix: 26 Nov 1914; J. Bot. 1915; Nat. Nov. Nov 1915), p. [i]-ix, [xi], [1]-384, *pl. 1-186* (id.). *Copies*: BR, G, HH, M, MO, NY, PH, USDA. – Cambridge (at the University Press) 1915. Oct.
Addenda: Trans. S. Afr. philos. Soc. 16: 267-300. 1906, S. Afr. J. Sci. 17: 275-284. 1921, 28: 253-265. 1931.
Ref.: Anon., J. Bot. 31: 187-188. Jun 1893 (rev.), 53: 251-252. Aug 1915 (rev.).

11.989. *Sketch and check-list of the flora of Kaffraria*, ... Cape Town (Argus Printing and Publishing Company Limited) 1894. Oct. (*Sketch fl. Kaffraria*).
Publ.: 1894 (J. Bot. Sep 1894), p. [1]-92. *Copies*: HH, MICH, MO, NY.

11.990. *Tree planting in Natal* ... Pietermaritzburg, Natal (P. Davis & Sons, ...) 1905. 16-mo. (*Tree planting Natal*).
Publ.: 1905 (p. [ii]: 12 Dec 1904), frontisp., p. [i-ii], [1]-354, [i]-xviii, *53 pl. Copy*: USDA. – Bull. 7, Natal Dept. Agric.

11.991. *The forests and forest flora of the colony of the Cape of Good Hope* ... Aberdeen, Scotland (Taylor & Henderson, ...) 1907. Qu. (*Forest fl. Cape*).
Publ.: 14 Mai 1907 (date of reprint by Copyright receipt Office of the British Museum), p. [i]-vi, [ix, xi], frontisp., portr. Sim, 3 unnumbered *pl.*, map, *pl. 1-160* (uncol. liths. auct.), [1]-361, [363]. *Copies*: BR, HH, NY, USDA.

Ref.: Codd, L.E., Bothalia 8: 174. 1864, Fl. males. Bull. 20: 1277. 1965.

11.992. *Forest flora and forest researches of Portugese East Africa* ... Aberdeen, Scotland (Taylor & Henderson, ...) 1909. Qu. (Oblong). (*Forest fl. Port. E. Afr.*).
Publ.: 1909 (p. vi: Jan 1909; Bot. Centralbl. 19 Oct 1909; Nat. Nov. Sep 1909), p. [i]-vi, [vii, ix, xi], [1]-166, [167], *pl. 1-100* (uncol. liths. auct.). *Copies*: BR, G, HH, MO, NY, PH, USDA.

11.993. *Checklist of the Bryophyta of South Africa* ... Maritzburg 1915. (*Checkl. Bryoph. S. Afr.*).
Ed. 1: 1 Oct 1915 (t.p.), p. [i-ii], 1-113. *Copies*: MO, NY. – Lithographed mss.; effectively publ.
Ed. 2: 1927 (Nat. Nov. Jul 1927), cover-t.p., p. [1]-32. *Copies*: FH, MO, MO-Steere, U, USDA. – "Revised and corresponding with "The Bryophyta of South Africa" by Dr. Sim ..." Pietermaritzburg, Natal (printed and published by The Times Printing and Publishing Co., Ltd., ...) 1927. (16-mo.).

11.994. *Handbook of the Bryophyta of South Africa* ... [Maritzburg] 1916. Oct. (*Handb. Bryoph. S. Afr.*).
Publ.: Jul 1916 (t.p.), p. [i-iii], [1]-200, [201-204, index]. *Copies*: L, MO, NY. – Lithographed mss., effectively published. – The Leiden copy has a note by H.N. Dixon, dated 15 May 1918: "Mr Sim writes, Mar 27, 1918, in sending an amended copy to replace this, that he wishes this copy to be regarded as not having been issued, it being an imperfect copy". This statement, nearly two years after publication, has no nomenclatural implications.

11.995. *Flowering trees and shrubs* for use in South Africa ... Johannesburg, Cape Town (The specialty Press of S.A. Ltd.) 1919. oct. (*Fl. trees shrubs*).
Publ.: 1919 (p. [iii]: Nov 1918), p. [i-iii, err. slip, [1]-200. *Copy*: USDA.

11.996. *Native timbers of South Africa* ... Pretoria (The Government Printing and stationary Office) 1921. (*Native timb. S. Afr.*).
Publ.: 1921 (p. [iii]: Mai 1921), p. [i-iii], [1]-232, *pl. 1-45* (uncol. phot.), [1, expl. pl.]. *Copy*: HH.

11.997. *The Bryophyta of South Africa* comprising Sphaerocarpales, Marchantiales, Jungermanniales, Anthocerotales, Sphagnales, Andreaeales, Polytrichales, Bryales ... Cape Town (Published by the Royal Society of South Africa) 1926. Oct. (*Bryoph. S. Afr.*).
Publ.: 1926 (p. iii: 30 Aug 1925), p. [i]-iii, err. slip, [1]-475. *Copies*: FH, MO, U-V; IDC 6164. – Published as vol. 15, 1926 of Trans. R. Soc. S. Afr.
Facsimile ed.: 1973, [i]-iii, [iv, err.], [1]-475. *Copies*: FAS, G. – Reprint by Otto Koeltz Antiquariat Koenigstein-Ts./B.R.D. 1973. Oct. ISBN 3-87429-053-0. See Taxon 23: 209. 1974.

11.998. *Treeplanting in South Africa* including the Union of South Africa, Southern Rhodesia, and Portugese East Africa ... Pietermaritzburg (Natal Witness, Limited) 1927. 16-mo. (*Treepl. S. Afr.*).
Publ.: 1927 (p. 5: 6 Nov 1926; Nat. Nov. Sep 1927; Kew Bull. 14 Nov 1927), p. [i-iii], [1]-452, *pl. 1-74* (uncol.). *Copies*: NY, USDA.

Simler, Rudolf Theodor (1833-1874), Swiss high school teacher and botanist; teacher for natural sciences at the agricultural college of Muri-Aargau 1864-1872; professor at the agricultural college zum Strickhof, Zürich 1872-1874. (*Simler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 279; BM 4: 1927; DTS 1: 283; Jackson p. 50, 342; Rehder 1: 436, 535.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 222: 550. 1964; Verh. schweiz. naturf. Ges. 57: 10-11. 1875 (obit. not.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 934. 1863 (sub Simmler), 3: 1249. 1898 (bibl. b. 16 Jul 1833, d. 1874).
Schönach, H., Jahresber. Real-Ober-Gymn. Feldkirch 1882: 3-44 (no. 604) 1882.

EPONYMY: *Simlera* Bubani (1899) is named for Josias Simler (1530-1576), Swiss multifaceted scholar and author.

11.999. *Botanischer Taschenbegleiter des Alpenclubisten.* Eine Hochalpenflora der Schweiz und des alpinen Deutschlands; ein Hülfsmittel für Anfänger und Liebhaber, in leichtfasslicher Weise und in kürzester Zeit den botanischen Namen einer Hochalpenpflanze aufzufinden ...Zürich (Schabelitz'sche Buchhandlung. (Caesar Schmidt.)) 1871. Oct. (*Bot. Taschenbegl. Alpenclub.*).
Publ.: 1871 (ÖbZ 1 Sep 1871; Flora 23 Jun 1871), p. [i]-xxvii, [xxviii, err.], [1]-164, *pl. 1-4. Copies*: B, FH, G, HH, NY. – Other editions or issues (n.v.): 1879 (Bot. Zeit. 8 Aug 1879), 1883 (or 1884; Nat. Nov. Jul(1) 1884).

Simmler, Gudrun (1884-?), Austrian botanist; Dr. phil. 1909; worked at the Botanical Institute of the University of Graz. (*Simmler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 279 (b. 14 Nov 1884); BL 2: 164; MW p. 451; Tucker 1: 651; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Teppner, H., in lit. 2 Nov. 1984 (b. 14 Nov 1884, Hartberg i. Ost-Steiermark).

12.000. *Monographie der Gattung Saponaria* ... Wien (aus der Kaiserlich-königlichen Hof- und Staatsdruckerei. In Kommission bei Alfred Hölder ...) 1910. Qu.
Publ.: 1910 (Nat. Nov. Dec 1910), p. [i], [1]-77, *pl. 1-2* with text. *Copies*: G, HH, M, NY, U, USDA. – Reprinted and to be cited from Denkschr. Akad. Wiss. Math. Nat., Wien 85: 433-509. *pl. 1-2.* 1910.

Simmonds, Arthur (1892-1968), British botanist, assistant horticultural superintendent, Kew 1919-1923; assistant director R.H.S. gardens Wisley 1923-1925; assistant secretary, Royal Horticultural Society 1925-1956; secretary 1956-1962. (*A. Simmonds*).

HERBARIUM and TYPES: Unknown. – *Letters* e.g. at G.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 367; Desmond p.560 (b. 25 Feb 1892, d. 16 Mar 1968); Hortus 3: 1204.

BIOFILE: Anon., Gard. Chron. 1962(1): 149 (retirement portr.); Who's who (London) 1957-1968; Who was who, England 6: 1033. 1961-1970.
Fletcher, , J.R. Hort. Soc. 93(6): 238-242. 1968 (obit.); Story R. Hort. Soc. 557 [index]. 1969.

EPONYMY: *Simmondsia* Nuttall (1844) was named for Thomas Williams Simmonds, a botanist who died while exploring the island of Trinidad about 1804.

Simmonds, Joseph Henry (1845-1936), New Zealand clergyman and botanist; minister of the Wesleyan Methodist church 1869; in Fiji 1871-1873; president of the Methodist Conference in New Zealand 1895; principal of Wesley Training College 1896-1923; governor of Trinity Methodist Theological College 1896-1911; especially interested in forest trees; correspondent of J.H. Maiden. (*Jos. Simmonds*).

HERBARIUM and TYPES: Some material in A and MASS.

BIBLIOGRAPHY and BIOGRAPHY: BM 8: 1193.

BIOFILE: Anon., Who's who New Zealand ed. 1: 204. 1924, ed. 3: 313. 1932.
Hall, N., Botanists of the Eucalypts 117-118. 1978.
Scholefield, G.H., ed., Dict. New Zealand biogr. 2: 302-303. 1940.

12.001. *Trees from other lands* for shelter and timber in New Zealand *Eucalypts* ... Auckland, New Zealand (The Brett Printing and Publishing Company) 1927. Oct. (*Trees other lands, Eucalypts*).
Publ.: 1927, p. [i]-xviii, 1-164, *pl. 1-74, 25 photos. Copy*: NSW.

Simmonds (Simmons), Peter Lund (né Lund) (1814-1897), Danish-born British author, journalist, publisher, editor and exhibition commissioner in London. (*P. Simmonds*).

HERBARIUM and TYPES: Some material at NY, P, PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 279 (d. Oct 1897); BB p. 276; BM 4: 1927, 8: 1193; CSP 5: 700, 8: 957, 18: 758; Desmond p. 560; Jackson p. 192; Langman p. 701-702; Rehder 5: 800; Tucker 1: 651, 2: xxxv.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2104. 1878.
Anon., Amer. J. Pharm. 69: 616. 1897 (obit. not.); Brit. Mus. gen. cat. print. books 222: 560-562. 1964 (bibl.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 274.41. 1980.
Plarr, V.G., Men women of the time ed. 14. 773-774. 1895.

12.002. *The commercial products of the vegetable kingdom*, considered in their various uses to man and in their relation to the arts and manufactures; forming a practical treatise & handbook of reference for the colonist, manufacturer, merchant, and consumer, on the cultivation, preparation for shipment, and commercial value, &c. of the various substances obtained from trees and plants, entering into the husbandry of tropical and subtropical regions, &c. ... London (T.F.A. Day, ...) 1854. Oct. (*Com. prod. veg. kingd.*).
Publ.: 1854 (p. xiv: Dec 1853), p. [i]-xix, [1]-668. *Copies*: HH, MO, NY, USDA.

12.003. *The commercial products of the sea*; or, marine contributions to food, industry, and art ... Griffith and Farran (... London) 1879. Oct. (*Com. prod. sea*).
Publ.: 1879 (p. iv: Oct 1878), p. [i]-viii, [1]-484. *Copy*: US. – Algae on p. 311-338.

Simmons, Herman Georg (1866-1943), Swedish botanist; Dr. phil. and lecturer at Lund 1906; lecturer in botany and zoology at Ultuna agricultural college 1914-1933; professor's title 1917; travelled in Schleswig-Holstein 1893; Faroes 1895; botanist on the second Norwegian polar expedition on the Fram 1898-1902. (*Simmons*).

HERBARIUM and TYPES: LD; post 1914 coll. (no types) at UPS (transferred from Agric. Univ.); further material in AK, C, GB, GH, H, K, L, O, S, TROM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 279; BJI 2: 164; BL 1: 135, 136, 157, 318, 2: 529, 533, 716; BM 4: 1927, 8: 1193; Bossert p. 367; Christiansen A 548; De Toni 4: liii; Hirsch p. 275; Kleppa p. 10, 86, 300; KR p. 642-644 (b. 16 Aug 1866, bibl.); LS 24903-24904; Rehder 1: 389; SBC p. 67; TL-2/9551, 9620;Tucker 1: 651, 2: 282.

BIOFILE: Almborn, O., Bot. Not. 133: 459, 463. 1980.
Anon., Allg. bot. Z. 23: 47. 1919 (app. professor Ultuna); Bot. Centralbl. 137: 224. 1918 (app. Ultuna); Bot. Not. 1898: 47 (on polar exp.), 1913: 43 (stipend), 1932: 475, 1933: 46, 76, 82, 83, 1937: 159 (herb. donated to Lantbrukshögskolan, Ultuna); Generalregister Bot. Not. 71-72. 1939; Österr. bot. Z. 67: 248. 1918 (app. professor Ultuna).
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Dahlgren, K.V.O., Bot. Not. 1944: 281-295 (obit., portr., bibl.).
Fries, R.E., Short hist. bot. Sweden 47, 137. 1950.
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Simmons, G., Allg. bot. Z. 3: 18-19. 1897 (offers sets of exsiccatae publ. by Lunds Botaniska Förening for sale).
Verdoorn, F., ed., Chron. bot. 2: 18. 1936.
Wittrock, V.B., Acta Horti Berg. 3(2): 70. 1903, 3(3): 52, pl. 111. 1905.

12.004. *Notes on some rare or dubious Danish Greenland plants* ... Copenhagen (Printed by Bianco Luno) 1904. Oct.
Publ.: 1904, p. [i], [469]-473. *Copies*: B, LD. – Reprinted and to be cited from Meddel. Grønl. 26: 469-473. 1904.

12.005. *The vascular plants in the flora of Ellesmereland* ... Kristiania [Oslo] (printed by A.W. Brøgger) 1906. Oct. (*Vasc. pl. Ellesmereland*).
Thesis issue: 14-26 Mai 1906 (26 Mai 1906, date on which the thesis was defended; p. 197: printed 14 Mai 1906), p. [i], [1]-197, *pl. 1-10* (photos). *Copy*: G. – Has an extra t.p. [i], "*The vascular plants in the Flora of Ellesmereland* ... by due permission of the philosophical faculty of Lund to be publicly defended in the botanical auditory May 26, 1906, at 10 o'clock a.m., for the degree of doctor of philosophy". – Report of the second Norwegian Arctic Expedition in the "Fram" 1898-1902. No. 2.
Regular issue: 1906 (p. 198: printed 14 Mai 1906; ÖbZ for Oct-Dec 1906; Bot. Centralbl. 5 Mar 1907; Nat. Nov. Mar 1907), p. [1]-197, [198, err.], *pl. 1-10* (id.). *Copies*: B, BR, HH, LD, M, MO, NY, US.
Preliminary report: Nyt mag. Naturv. 41: 223-238. 1903 (also in Sverdrup, Neues Land 486-512. 1903 and (in French) in Géographie 9: 105-115. 1904.
Ref.: Holmboe, J., Bot. Centralbl. 104: 617-618. 1907 (rev.).
Ulbrich, E., Bot. Jahrb. 40 (Lit.): 3-4. 1907 (rev.).
Grevillius, Bot. Centralbl. 95: 139-140. 1904 (rev. prelim. rep.).

12.006. *Ueber einige lappländische Phanerogamen* ... Uppsala & Stockholm (Almqvist & Wiksells boktryckeri-A.-B.) 1907. Oct. (*Lappl. Phan.*).
Publ.: shortly after 11 Mai 1907 (date of printing; published in vol. 6 Ark. Bot., 7 Sep 1907; Nat. Nov. Sep 1907), cover-t.p., p. [1]-40. *Copies*: G, MO, U; IDC 8562 (mf. 43). – Issued as Ark. Bot. 6(17). 1907.
Preliminary publ.: Några bidrag till Lule Lappmarks flora, Bot. Not. 1907: 81-94, 97-112; see also L.M. Neuman, ib. 1908: 17-36 (criticism) and H.G. Simmons, ib. 1908: 113-138 (reply). – Criticism of the Ark. Bot. publ.: J. Witasek, Bot. Not. 1907: 161-167; reply H.G. Simmons, ib. 1908: 71-74.
Alphabetical index: *in* Stray contr. Bot. N. Devon 1909, q.v.

12.007. *A revised list of the flowering plants and ferns of North Western Greenland* with some short notes about the affinities of the flora ... Kristiania [Oslo] (printed by A.W. Brøgger) 1909. Oct. (*Revis. list. fl. pl. N.W. Greenland*).
Publ.: 1909 (p. 110: printed 24 Apr 1909), p. [1]-111. *Copies*: B, BR, G, HH. – Preprinted or reprinted from the second Norwegian Arctic Expedition in the "Fram" 1898-1902. No. 16.
Alphabetical index, see Stray contr. Bot. N. Devon 1909.
Ref.: Diels, L., Bot. Jahrb. 44 (Lit.): 63-64. 1910 (rev.).

12.008. *Stray contributions to the botany of North Devon* and some other islands, visited in 1900-1902 with one map in the text and an alphabetical index to no. 2, Flora of Ellesmereland. No. 16, Plants of N.W. Greenland, and this paper ... Kristiania [Oslo] (printed by A.W. Brøgger) 1909. Oct. (*Stray contr. bot. N. Devon*).
Publ.: 1909 (p. 36: printed 30 Jun 1909), p. [1]-36. *Copies*: BR, H.
Ref.: Diels, L., Bot. Jahrb. 44 (Lit.): 62. 1910 (rev.).

12.009. *Floran och vegetationen i Kiruna* ... Stockholm (Nordiska Bokhandeln ...) [1910]. Oct. (*Fl. veg. Kiruna*).
Publ.: 1910 (p. 14: Aug 1910; Bot. Centralbl. 29 Nov 1910; Nat. Nov. Dec(2) 1910), p. [i-ii], [1]-403, *pl. 1-22* (photos), map. *Copies*: B-S, BR, G, HH, LD, M, MICH, MO, NY, USDA. – p. 2, imprint: Lund, Berlingska boktryckeriet 1910. – Vetenskapliga och praktiska undersökningar i Lappland.
German summary: Bot. Jahrb. 28: 1-86. *pl. 1-6.* 1912, *Die Flora und Vegetation von Kiruna im Schwedischen Lappland.* Also as reprint, p. [1]-84, *pl. 1-6.* Leipzig Wilhelm Engelmann, 1912. *Copy*: NY. – Contains additions.

12.010. *A survey of the phytogeography of the Arctic American archipelago* with some notes about its exploration ... Lund (C.W.K. Gleerup). Leipzig (Otto Harrassowitz) [1913]. Qu. (*Surv. phytogeogr. arct. Amer. archip.*).
Publ.: 2-19 Jun 1913 (p. 183: printed 2 Jun 1913; the PH copy has a letter of 19 Jun 1913 to "Dr. Jackson" in which S. states that he now has copies and sends one to J.), p. [1]-183, map 1-2. *Copies*: BR, G, HH, NY, PH, USDA. – Issued as Lunds Univ. Årsskr. N.F., Afd. 2. Bd. 9. nr. 19. (K. Fysiogr. Sällsk. Handl. N.F. Bd. 24. Nr. 19).

12.011. *Gagnväxter* särskilt utländska deras förekomst, egenskaper och användning av B. Jönsson ... andra upplagen omarbetad av Herman G. Simmons ... Lund (C.W.K. Gleerups Förlag) [1935]. Oct. (*Gagnväxt.*).
Authorship: Author of ed. 1: Bengt Jönsson (1849-1911), see KR p. 333, no. 31. This second edition was rewritten entirely by H.G. Simmons (inf. O. Almborn) (Gagnväxter: useful plans).
Publ.: 1935, p. [i*-ii*], [i]-iv, [v], [1]-728. *Copy*: LD. – See Almborn (1980, p. 459).

Simon, Eugène [Ernest] (1871-1967). French botanist; studied law; governmental financial administrator at Rochefort 1890-1894, Pont-de-Salars, Aveyron 1894-1898, Vouneuil, Vienne 1898-1904, Gacé, Orne 1904-1906, Charroux, Vienne 1906-1908, Airvault, Deux-Sèvres 1908-1915, Montmorillon 1915-1926 and Tours 1926-1934; active amateur botanist, plant collector and archeologist. (*E. Simon*).

HERBARIUM and TYPES: MPU. – Some further material at DBN. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 280 (b. 14 Feb 1871, "Eugène Ernest"); Rehder 5: 800.

BIOFILE: Anon., Bull. Acad. Géogr. bot. 9: 13. 1900, 11: 10. 1902, 13: 9. 1904; Bull. Soc. bot. Deux-Sèvres 21: 322, *pl. 8.* 1910 (portr.); Cat. gen. livr. impr. Bibl. natl. 173: 117-118. 1948.
Gaussen, H., Le Monde des plantes 62: 13. 1967 (d.).
Granel de Solignac, L. & L. Bertrand, Naturalia monsp., Bot. 18: 284. 1967 (herb. at MPU).
Guédès, M., Bull. Soc. bot. France 114: 357-359. 1968 (obit, d. 1 Mar 1967).
Guédès, M. & P. Jovet, Cahiers Natural., Bull. N.P. ser. 2. 23: 13-16. 1967 (obit., bibl., d. 1 Mar 1967).
Jovet, P., Bull. Centr. Étud. Rech. sci., Biarritz 6: 735-738. 1967 (on his herb. and that of J. Richter).
Rallet, L., Rev. Féd. franç. Soc. Sci. nat. 6(25): 9-52. 1967 (obit.).
Souché, B., Fl. Haut-Poitou xviii. 1901.
Verdoorn, F., ed., Chron. bot. 2: 12, 142. 1936, 3: 115. 1917.

HANDWRITING: Bull. Centr. Étud. Rech. Sci., Biarritz 6: 735. 1967.

NOTE: Not to be confused with the naturalist (esp. entomologist and arachnologist), Eugène Simon (1848-1924) at Paris.

12.012. *Trois semaines d'herborisations en Corse* ... La Rochelle (Imprimerie E. Martin, ...) 1898. Oct.
Co-author: Julien Foucaud (1847-1904).

Publ.: 1898, cover-t.p., p. [1]-180, *pl. 1-3*. *Copies*: HH, Univ. Illinois. – Reprinted from Ann. Soc. Sci. nat. Charente-Inf. 1897 (31, 32): 39-218, *pl. 1-3*. 1898.
Ref.: Malinvaud, E., Bull. Soc. bot. France 45: 660-662. 1898 (rev.).

12.013. *Notice sur quelques Oenanthe* [Rev. Bot. Syst. 1903]. Oct.
Publ.: 1 Jun-1 Aug 1903 (in journal; copy reprint rd at G 8 Sep 1903), p. [1]-22. *Copy*: G. – Reprinted from Rev. Bot. syst. 1: 65-75. 1 Jun, 86-96. 1 Jul, 97-104. 1 Aug 1903.

12.014. *Petites notes floristiques* Herborisations en Poitou) ... Extrait du Bull. de la Soc. Bot. des Deux-Sèvres Année 1910-1911 [1911]. Oct.
Publ.: 1911, p. [54]-72, err. slip. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. Deux-Sèvres 1910-1911: [54]-72. 1911.

12.015. *Esquisse de la végétation du seuil du Poitou* (étude de géographie botanique locale), Civray (Soc. "Les amis du pays civraision") 1931.
Publ.: 1931 (date on cover; t.p. dated 1914, sic), p. [1]-68, [i]-viii, *pl. 1-8*, maps 1-2.
Preliminary publ.: *L'élément montagnard ou continental dans la flore du seuil du Poitou*, C.R. Congr. Soc. sav. 59 (Poitiers 1926): 82-93. 1927; reprinted Limoges 1927, p. [1]-12. *Copy*: G. – Rev.: Bull. Soc. bot. Deux-Sèvres 40: 120-124. 1928.

Simon, [Wilhelm Otto] Friedrich (1868-?), German (Silesian) botanist; Dr. phil. Berlin 1890; student of S. Schwendener. (*F. Simon*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 280; Tucker 1: 651.

12.016. *Beiträge zur vergleichenden Anatomie der Epacridaceae und Ericaceae.* Inaugural-Dissertation zur Erlangung der Doctorwürde von der philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst beigefügten Thesen öffentlich zu verteidigen am 2. August 1890 ... Leipzig (Wilhelm Engelmann) 1890. Oct.
Publ.: 2 Aug 1890, p. [1]-35, [36-38]. *Copy*: B.

Simon, Siegfried Veit (1877-1934), German (Berlin) botanist, especially plant physiologist; student gardener in Berlin, Bonn and Wiesbaden 1895-1899; studied botany at Berlin (with Kny) and Leipzig (with W. Pfeffer); Dr. phil. Leipzig 1903; assistant at Leipzig 1906-1908; habil. Göttingen 1909; to Ceylon and Java 1910-1911; in active service 1914-1920; extra-ordinary professor of botany at Göttingen 1920; ordinary professor id. at Bonn 1922-1934. (*S. Simon*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 284 (b. 6 Apr 1877, d. 26 Dec 1834); Biol.-Docum. 16: 8692; Hirsch p. 276.

BIOFILE: Anon., Bot. Zeit. 67: 48. 1909 (habil. Göttingen), 68: 120. 1910 (Buitenzorg stipend); Jahrb. Wiss. Bot. 56: 828. 1915 (Schüler Pfeffers); Nat. Nov. 44: 252. 1922 (app. Bonn); Österr. bot. Z. 71: 288. 1922 (app. Bonn).
Fitting, H., Decheniana 105/106: 14. 1952.
Jost, L., Ber. deut. bot. Ges. 53: (71)-(84). 1936 (obit., portr., bibl.).
Verdoorn, F., ed., Chron. bot. 1: 134. 1935 (obit. not., portr.).

THESIS: *Untersuchungen über die Regeneration der Wurzelspitze*, Jahrb. Wiss. Bot. 40: 103-143, *pl. 1*. 1904 (Nat. Nov. Jun(1) 1904).

Simonds, Arthur Beaman (1867-x), American botanist; AB Harvard 1891; AM Univ. Calif. 1893. (*Simonds*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 280; BL 1: 188, 318; Rehder 1: 315.

12.017. *Catalogue of the* phanerogamous and vascular cryptogamous *plants of Fitchburg*, and vicinity ... Fitchburg (Mass.) (published by the Fitchburg Agassiz Association) 1885. Oct. (*Cat. pl. Fitchburg*).
Co-author: George Francis Whittemore, William Gardner Farrar, Emory Adams Hartwell (1850-?).
Publ.: Dec 1885 (t.p. 1885; p. iv: Dec 1885), p. [i]-iv, [1]-39. *Copies*: HH, USDA. – Unannotated list of names drawn up by E.A. Hartwell, science teacher and some of his students.

Simonkai, Lajos (né Ludwig Philipp Simkovics) (1851-1910), Hungarian botanist; state teachers examination 1874; Dr. phil. Univ. Budapest 1874; professor of natural history of the Grosswardein (Nagyvárad) high school 1875-1880; id. at Pancsova 1880, id. Arad 1881-1891; working in Wien with Kerner and Wiesner 1883-1884; at the gymnasium Budapest (7. Distr.) 1891-1908; habil. Budapest 1892. (*Simonk.*).

HERBARIUM and TYPES: BP. – Further material at A, B (extant), C, E, FI, MW, OXF. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 319, 5(1): 612, 5(2): 725; Backer p. 661; Barnhart 3: 279, 280 (b. 9 Jan 1851, d. 3 Jan 1910); Biol.-Dokum. 16: 8694-8695; BJI 1: 54; BM 4: 1927; Bossert p. 367; Clokie p. 244; CSP 12: 682, 18: 757; De Toni 2: cvi; DTS 1: 283, 6(4): 198; Futak-Domin p. 540-541 (bibl.); GR p. 660; IH 2: (files); Morren ed. 10, p. 39; MW 451; Rehder 5: 800-801; Saccardo 1: 155; SBC p. 132; TL-2/see F. Porcius; Tucker 1: 652, 3: 282; Urban-Berl. p. 272, 314; Zander ed. 10, p. 717.

BIOFILE: Anon., Allg. bot. Z. 16: 16. 1910 (d.); Bot. Centralbl. 3/4: 992. 1880 (app. Pancsova), 52: 111. 1892 (habil. Univ. Budapest); Encycl. slovenska R-S: 237. 1981; Nat. Nov. 32: 483. 1910 (d.); Österr. bot. Z. 25: 379. 1895 (app. Grosswardein), 30: 338. 1880 (app. Pancsova), 31: 340. 1881 (app. Arad), 60: 47. 1910 (d.).
Degen, A., Magy. bot. Lap. 9(1/2): 2-34. 1910 (obit., portr., bibl.), also reprinted Budapest 1910, p. 1-33.
Krücken, O. & I. Parlaghi, Das geistige Ungarn 499. 1918.
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Pax, F., Grundz. Pfl.-Verbr. Karpathen 25, 30, 33, 40, 44, 48, 51, 56, 58, 60, 62, 63, 275, 278, 280, 281. 1898.
Simonkai, L., Enum. fl. transsilv. xxxiii. 1886 (publ. on Transsilvanian bot.).
Tuzson, J., Bot. Közlem. 9: 251-255, (53)-56). 1910 (obit., portr.).
Verseghy, K., Feddes Repert. 68(1): 125. 1963.

12.018. *Növényhatározó a Dráva*, Alsó-Duna és Kápátok övezte Magyarföldön itthonos virágos nvények génuszainak mehatározására. Budapest 1882. Oct.
Publ.: 1882 (Bot. Centralbl. 6-10 Nov 1882; Nat. Nov. Dec(1) 1828), p. [1]-155. Key to the identification of the genera of Hungarian plants.

12.019. Erdély Edényes flórájának helyesbitett foglalata. A kir. Magyar természettudományi társulat megbizásából ... *Enumeratio florae transsilvanicae* vesculosae [sic] critica. Ex mandato Societatis scientiarum naturalium regiae Hungaricae ... Budapest Kiadja a kir. Magyar természettudományi társulat) 1886 [1887]. Oct. (*Enum. fl. transsilv.*).
Publ.: Jul-Aug 1887 (p. [iii*]: 10 Jul 1887, sic; t.p. 1886; Bot. Zeit. 7 Oct 1887 "erschien soeben"; ÖbZ 1 Sep 1887; J. Bot. Oct 1887; Nat. Nov. Sep(1) 1887), p. [i*-vii*], [i]-xlix, [1]-678. *Copies*: B, BR, G, M, MO, NY, US, USDA.
Ref.: Knapp, J.A., Österr. bot. Z. 37: 330-331. 1887; Bot. Centralbl. 34: 365-366. 1888; Flora 71: 177-178. 1888.

12.020. *Bemerkungen zur Flora von Ungarn* ... [Österreichische botanische Zeitschrift 1888-1890]. Oct.
Publ.: a series of 13 papers published in Österr. bot. Z. as follows:

number	vol.	pages	dates
1	38	221-225	Jul 1888
2,3		300-303	Sep 1888
4, 5, 6		341-345	Oct 1888
7		374-375	Nov 1888
8		408-411	Dec 1888
9	39	13-14	Jan 1889
10		54-55	Feb 1889
11, 12		137-140	Apr 1889, repr. (1)-3
13	40	333-334	Sep 1890

Simpson, Charles Torrey (1826-1932), American malacologist and botanist; conchologist with the United States National Museum 1889-1902; collaborator USDA; retired to Florida, writing on Florida wild life. (*C. Simpson*).

HERBARIUM and TYPES: Some material at A and NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 281 (b. 3 Jun 1846, d. 17 Dec 1932); Tucker 1: 652.

BIOFILE: Anon., Miami Daily News 17 Dec 1932 (obit., portr., cutting at NY); Natl. cycl. Amer. biogr. 23: 255-256. 1933; Who's who Amer. 1-18, 1899-1935; Who was who Amer. 1: 1128. 1968.
Ewan, J., *in* R.W. Long and O. Lakela, Fl. trop. Florida 6-7. 1971.
Cattell, J.M., Amer. men sci. ed. 1: 293. 1906, ed. 2: 429. 1910, ed. 3: 638. 1921.

EPONYMY: *Simpsonipollis* S.K. Srivastava (1975) was named for J.B. Simpson (1894-1960), Scottish geologist-palynologist.

12.021. *Native and exotic plants of Dade County*, Florida ... Washington D.C. (Press of Judd & Detweiler inc.) [1914].
Publ.: 1914 (fide TBC 22 Jul 1914), p. [1]-46. *Copies*: NY, USDA. – Reprinted from Proc. Florida State Hort. Soc. 1912: 166-207. 1914.

Simpson, Norman Douglas (1890-1974), British botanist and bibliographer; BA Cambr. Univ. 1911; Cambridge Diploma in Agriculture 1914; on active service in World War I 1914-1920; with the Cotton Research Board Station at El Giza nr Cairo 1921-1930; at the Peradiniya Botanic Garden, Ceylon 1931-1932; from 1932 living at Bournemouth dedicating himself entirely to botany, travelling, collecting plants and botanical books. (*N. Simpson*).

HERBARIUM and TYPES: BM, K; major part of library at CGE. – Egyptian collection (esp. cotton) at CAIM; 100 nos. from Egypt also in GOET (ex K); other material at LIV, NMW.

BIBLIOGRAPHY and BIOGRAPHY: BL 1: 30, 318, 2: 281, 717; Desmond p. 560; MW p. 452.

BIOFILE: Anon., Gard. Chron. 176(13): 7. 1974 (obit. not.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 269.325. 1980.
Kent, D.H., Brit. herb. 78. 1957 (herb.).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 243. 1984.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 671. 1985.
Stearn, W.T., Watsonia 10: 403-410. 1975 (b. 23 Sep 1890, d. 29 Aug 1974; obit., bibl.); The Times 2 Oct 1974 (obit).
Wagenitz, G., Index coll. princ. herb. Gott. 157. 1982.

NOTE: Simpson's main bibliographic work was published in 1960: *A bibliographical index of the British flora*, including floras, herbals, periodicals, societies and references relating to

the identification, distribution and occurrence of phanerogams, vascular cryptogams and charophytes in the British Isles. Bournemouth 1960, xix, 429 p.

Sims, John (1749-1831), British physician and botanist; MD Edinburgh 1774; studied at Leiden University 1773-1774; practicing physician in London from 1779. (*Sims*).

HERBARIUM and TYPES: K (purchased by G. Bentham 1829). – *Letters* at G, K.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 428, 5(3): 68; Backer p. 534; Barnhart 3: 281; BB p. 276; BM 4: 1930; Bossert p. 368; Bret. p. 201; CSP 5: 707; Desmond p. 561 (b. 13 Oct 1749, d. 26 Feb 1831); DNB 18: 281-282; Frank 3 (Anh.): 97; Herder p. 21; Hortus 3: 1204; Lasègue p. 529; MW p. 452-453, suppl. p. 323; PR (alph.), 2007, 4799, ed. 1: 2091, 5355; RS p. 142; TL-1/606; TL-2/1290, 3827; Tucker 1: 652; Zander ed. 11, p. 818.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 222: 874. 1964; Gard. Chron. 1887(1): 641.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 269.326. 1980.
Bullock, A.A., Bibl. S. Afr. bot. 106-109. 1978(lists plates of S. Afr. pl. with text by Sims in Bot. Mag.).
Candolle, Alph. de, Phytographie 451. 1880 (herb. K).
Dopson, L., The Praticioner 164: 156-170. 1950 (bicentenary, biogr. account).
Fletcher, H.R., Story R. Hort. Soc. 5, 34-35, 41, 55, 410. 1969.
Greene, S.W., J. Soc. Bibl. natl. Hist. 3: 319-320. 1958 (on Koenig & Sims, Ann. Bot.).
Hall, N., Botanists of the Eucalypts 118. 1978.
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Lowden, R.M., Taxon, Index pers. names vols. 1-30. 671. 1985.
Milner, J.D., Cat. portr. Kew 97. 1906 (on portr.).
Stearn, W.T., Nat. Hist. Mus. S. Kensington 227. 1981.
White, A. & B.L. Sloane, The Stapelieae 20, 21, 81, 90, 91. 1933, ed. 2: 21 [index]. 1937.

COMPOSITE WORKS: (1) Editor, with Karl Dietrich Eberhard Koenig (1774-1851) of *Annals of Botany*, 2 vols., 1804-1806, see TL-2/3827.
(2) Editor, *The Botanical Magazine* 14-53, *pl. 469-2704*, 1800-1826, see TL-21290.

EPONYMY: *Simsia* Persoon (1807); *Simsia* R. Brown (1810).

Sinclair, Andrew (ca. 1796-1861), British physician and plant collector; surgeon Royal Navy from ca. 1824; on HMS Sulphur 1834-1842; surgeon convict ship in Australia 1842; colonial secretary New Zealand 1844-1856; collected in Australia, New Zealand and in regions visited by the Sulphur; actively pursuing botanical collecting in retirement; drowned on an expedition nr Mt. Sinclair. (*A. Sinclair*).

HERBARIUM and TYPES: K. – Other material at B (mainly destr.), BM, CGE, E, E-GL, FI, M (lich.), MEDEL, MO, MSE (coll. Edinburgh), NY, OXF, W. – *Letters* at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 281; BB p 276-277; Clokie p. 245; CSP 5: 707; Desmond p. 561 (d. 25 Mar 1861, by drowning); DNB 18: 289-290; HR; Lasègue p. 328, 386; SK 1: 485; TL-2/2438; Urban-Berl. p. 314.

BIOFILE: Anderson, A.W., Gard. Chron. 150(1): 8-9. 1961 (commemor. death).
Anon., Bonplandia 9: 223. 1861 (d.); Bull. Soc. bot. France 8: 503. 1862 (d.); Phytologist 5: 284-286. 1861 (obit., taken from the "Lytteton Times"); Proc. Linn. Soc., London 1861/2: xcv-xcvi (obit.).
Barrall, J.A., Rev. hortic. 1861: 384 (obit. not.).
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Huxley, L., Life letters J.D. Hooker 1: 416, 452. 1918.
Kent, D.H. & D.E. Allen,, Brit. Irish herb. 244. 1984.
McVaugh, R., Contr. Univ. Mich. Herb. 9: 311-312. 1978 (Mexican coll. Sulphur).
Schlechtendal, D.F.L. von, Bot. Zeit. 19: 336. 1861 (obit.).

EPONYMY: *Mt. Sinclair, New Zealand.*

Sinclair, George (1786-1834), British gardener and botanist; with the Duke of Bedford at Woburn Abbey 1803-ca. 1824; from 1824 partner in Messrs Cormack and Son, nurserymen and seedsmen at New Cross, Kent. (*Sinclair*).

HERBARIUM and TYPES: Grasses in first edition of his *Hort. grass. woburn.* (1816). – *Letters* J.E. Smith at LINN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 281; BB p. 277; BM 4: 1931; Desmond p. 561 (d. 13 Mar 1834); DNB 18(52): 294-295; Henrey 3: 114; Herder p. 277, 394; Hortus 3: 1204; Jackson p. 415, 606; NI 1849-1850a; PR 8692, 2374, ed. 1: 2686, 9665; Rehder 2: 664, 3: 106, 649; TL-2/1505; Tucker 1: 652.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2112. 1878.
Anon., Brit. Mus. gen. cat. print. books 222: 917-918. 1964; Gard. Mag. Reg. rur. domest. Impt. 1834: 192.
Burdet, H.M., Musées de Genève 153: 9-14. 1975 (on Woburn Abbey Series).
Dawson, W.R., Smith letters 84, 86. 1934 (copy Hort. gram. woburn. offered to Linn. Soc. 18 Jun 1817).
Freeman, R.B., Brit. nat. hist. books 316. 1980.
Junk, W., Rara 1: 67. 1900-1913.
Kent, D.H. & D.E. Allen, Brit. Irish herb. 244. 1984.

COMPOSITE WORKS: (1) "numerous additions and corrections ..." to J. Donn, *Hortus cantabrig.* ed. 12, 1831, ed. 13, 1845, TL-2/1505. – Ed. 13 rd. by Hinrichs in Leipzig by 8 Jul 1845.
(2) Humphry Davy, *Elements of agricultural chemistry*, London 1813, *Appendix*: "An account of the results of experiments (made by G. Sinclair) on the produce and nutritive qualities of different grasses and other plants, used as food of animals. Instituted by John Duke of Bedford". This is a precursor of part of the *Hort. gram. Woburn.* (see below). – German translation by A.A. Deutsch, Trier 1821, 138 p.

EPONYMY: *Sinclairia* W.J. Hooker et Arnott (1841) and the derived genus *Sinclairiopsis* Rydberg (197) were named for Dr. Sinclair who accompanied Captain Beechey on his voyage.

12.022. *Hortus gramineus woburnensis*: or, an account of the results of experiments on the produce and nutritive qualities of different grasses, and other plants, used as the food of the more valuable domestic animals: instituted by John Duke of Bedford. Illustrated with dried specimens of the plants upon which these experiments have been made, and practical observations on their natural habits, and the soils best adapted to their growth; pointing out the kinds most profitable for permanent pasture, irrigated meadows, dry or upland pasture, and the alternative husbandry; accompanied with the discriminating characters of the species, and varieties. By George Sinclair, ... London (printed by B. M'Millan, Bow-Street, ...) 1816. Fol. (*Hort. gram. woburn.*).
Publ.: 1816 (p. [iii]: 25 Jun 1816), p. [i]-vi, [i]-lxvi, [1]-316, [317-320, indexes], with dried specimens glued to blank but numbered sheets in pagination (121 in copies NY, USDA; 122 fide NI, 123 other sources), errata slip pasted on p. [ii]. *Copies*: MO, NY, USDA.
Octavo ed.: 1824 (p. viii: 7 Oct 1824), p. [i]-xx, [1]-438, *60 pl.* (mostly col. liths. by Louis

Parey). *Copies*: HH, MO, NY. – "*Hortus* ... [same text as in 1816 ed.]" London (printed for James Ridgway, ...) 1824. Oct.

Ed. 2: 1825, p. [i]-xx, [1]-438, *60pl.* (col. or uncol. liths.). *Copies*: G, HH, NY, USDA. – "Second edition." London (id.) 1825. Oct.

Ed. 3: 1826, p. [i]-xx, [1]-438. *60 pl.* (id.). *Copies*: B, HH, MO, NY. – "Third edition". London (id.) 1826. Oct.

Ed. 4: 1838 (Hinrichs by 15 Oct 1838), p. [i]-iv, [1]-362, *45 pl.* (col. liths., 1 copp., 1 wood-cut). *Copies*: HH, NY, PH, US, USDA. – "Fourth edition. To which is (for the first time) added, the weeds of agriculture. The whole revised and improved ..." London (Ridgways, ...) s.d. – The *Glyceria aquatica* plate may be absent.

Ed. 5: 1869, p. [i]-iv, [1]-362, *45 pl. Copies*: BR, HH, NY. – "Fifth edition ..." London (W. Ridgway, ...) 1869. Oct.

German ed.: 1826 (p. vi: 30 Dec 1825), p. [i]-xix, [1]-418, *59* [*60?*] *pl.* (liths. *59* in copies seen by us, *60* fide NI 1850 a). *Copies*: B-G, BR, NY. – "*Hortus gramineus woburnensis* oder Versuche über den Ertrag und Nahrungskräfte verschiedener Gräser und anderer Pflanzen, welche zum Unterhalt der nützlichern Hausthiere dienen; veranstaltet durch Johann, Herzog von Bedford. Mit vielen Abbildungen der Pflanzen und Samen erläutert, womit diese Versuche gemacht wurden, nebst praktischen Bemerkungen über ihre natürlichen Eigenschaften, und die Erdarten, welche am besten für sie taugen; sammt Angaben über die besten Gräser für dauernde Weiden bewässerte Wiesen, hochliegendes Weideland, und zur Wechselwirthschaft, begleitet mit den unterscheidenden Merkmalen der Arten und Abarten von Georg Sinclair ..." Stuttgart und Tübingen (in der J.G. Cotta'schen Buchhandlung) 1826. Oct. – *Note*: Pritzel mentions as the first German translation: "Johann Herzog von Bedford's chemisch-agronomische Untersuchungen über den Werth verschiedner Futtergräser ..." Trier 1821. However, this is a German translation of Humphry Davy [1778-1829] *Elements of agricultural chemistry* ... *Appendix*, see above under Composite works.

12.023. *Hortus ericaeus woburnensis*: or, a catalogue of heaths, in the collection of the Duke of Bedford, at Woburn Abbey. Alphabetically and systematically arranged [London] 1825. Fol. (*Hort. eric. woburn.*).

Authorship: attributed to James Forbes (1773-1861), also a gardener at Woburn Abbey, by Pritzel; to G. Sinclair by e.g. Nissen. The preface is signed by Bedford and is written as if Bedford himself was the author.

Publ.: 1825 (p. iv: 1 Jan 1825), p. [i]-xiv, [1]-42, [43, expl. pl.], [44, bibl.], *pl. 1-4* (col.) and *6 pl.* of garden plans, buildmaps, etc. *Copies*: MO, NY, USDA.

Sinclair, Isabella, née McHutchison (1842-1900), British-born botanist; to New Zealand with her family 1862; married Francis Sinclair 1866; at Christchurch 1863-1864, at Blenheim N.Z. 1865-1866, from 1866 living in Hawaii (Niihau); died in San José, California. (*I. Sinclair*).

HERBARIUM and TYPES: Some material at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 281 (b. 10 Apr 1842, d. 29 Dec 1900); BM 4: 1931; GF p. 76; NI 1848; Rehder 1: 509; Tucker 1: 652.

12.024. *Indigenous flowers of the Hawaiian Islands* forty-four plates painted in water-colours and described by Mrs. Francis Sinclair, Jr. ... London (Sampson Low, Marston, Searle, and Rivington ...) 1885. (*Indig. fl. Hawaii. Isl.*).

Publ.: 1885 (p. vii: Feb 1885; J. Bot. Jan 1886; Bot. Zeit. 29 Jan 1886), p. [i-xii], 1-44, *pl. 1-44* (col. auct.). *Copies*: BR, G, HH, MO, NY.

Boston issue: 1890, mentioned by Bot. Zeit. 29 Aug 1890 (separate issue?), Boston (Houghton, Mifflin & Co.).

Ref.: St.-John, Pacific Science 8: 140-146. 1954 (review of species treated).

Sinclair, James (1913-1968), British (Scottish) botanist; BSc. Edinburgh 1936; teacher in Orkney; on active service 1941-1945; botanist Royal Botanic Garden Edinburgh 1946-1948; curator herbarium Botanic Gardens Singapore 1948-1962; on special contract ib. 1963-1967; collected widely in the Malesian area. (*J. Sinclair*).

HERBARIUM and TYPES: S.E. Asian coll.: SING, pre-1948: E; other material A, BK, BM, BO, DD, E, K, L (Kinabalu), PNH, SAN. – Portuguese collections (1947) at E and BM; personal British herbarium now at E.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 368; Desmond p. 561 (b. 29 Nov 1913, d. 15 Feb 1968); Roon p. 104; SK 5: cccxxi-cccxxii (portr.), 8: xc.

BIOFILE: Bridson, G.D.R. et al., Nat. Hist. mss. res. Brit. Isl. 138.45. 1980.
Burkill, H.M., Gardens Bull. Singapore 23: i-xxiii. 1968 (obit., portr., bibl., new taxa, itin.; b. 29 Nov 1913 though registered as 6 Dec 1913).
Hedge, I.C. & J.M. Lamond, Index coll. Edinb. herb. 130. 1970 (coll. E).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 244. 1984.
Quisumbing, E., Philipp. geogr. J. 8: 34. 1964 (coll. Philipp.).
Steenis, C.G.G.J. van, ed., Fl. males. Bull. 3: 56. 1948 (app. Singapore), 10: 354. 1953 (European leave), 11: 405. 1955 (keeper Singapore herb.), 12: 471. 1956 (on European leave), 13: 572. 1957 (id.), 14: 625. 1959 (leave), 17: 879. 1962 (will retire 31 Dec 1962), 18: 978. 1963 (retirement), 20: 1241. 1965 (end of Singapore contract), 22: 1528. 1968 (left Singapore) 23: 1675. 1969 (d.), 24: 1776. 1969.

HANDWRITING: Gard. Bull. Singapore 23: *pl. 2*. 1968.

Singer, Jakob (1834-1901), German (Bavarian) clergyman, high school teacher, botanist and entomologist; ordained Regensburg 1856; studied natural sciences München 1856-1860; Dr. phil. ib. 1860; from 1861-1863 again in Regensburg; professor of natural sciences at the episcopal Lyceum Eichstätt 1863-1865; id. at the Regensburg philosophical-theological college (Lyceum Albertinum) from 1865; secretary of the Regensburger botanische Gesellschaft 1865; director of id. and editor of Flora 1871-1891. (*J. Singer*).

HERBARIUM and TYPES: REG. – A mss. Naturgeschichte des Pflanzenreiches is at REG. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 281 (b. 24 Mar 1834, d. 12 Mai 1901); BM 4: 1931; CSP 5: 708, 8: 961, 18: 771; Morren ed. 10, p. 20; PR 8693; Rehder 1: 385.; TL-1/549.

BIOFILE: Dörfler, J., Botaniker-Adressbuch 34. 1896.
Fürnrohr, H.K.A., Denkschr. k. bot. Ges. Regensburg 8: xxxvi-xxxix. 1903 (obit.).
Killerman, S., Denkschr. Regensb. bot. Ges. 21: *pl. 13*. 1940 (portr.).
Leussink, J.A., Taxon 30: 375-376, 384-386, 390. 1981 (biogr. sketch, work for Flora), 32(3): 349. 1983.
Poeverlein, H., Mitt. Bayer. bot. Ges. 1: 217-218. 1981 (obit.).
Pongratz, L., Naturforscher im Regensburger und ostbayerischen Raum 109-110. 1963 (Acta Albert ratisb. 25, 1963) (biogr. sketch, portr., bibl.).
Schenz, W., Das erste Jahrhundert des Lyzeum Albertinum Regensburg 9, 301-303, 394. 1910 (portr., brief sketch).
Singer, J., Denkschr. Regensb. bot. Ges. 6(1): 1890 (Geschichte der Kgl.-Bayr. botan. Gesellschaft in Regensburg ... 1790-1890).

COMPOSITE WORKS: Editor, *Flora* vol. 54(19), 1871 – 71. 1888 . – See Leussink (1981).

12.025. *Flora ratisbonensis*. Verzeichniss der um Regensburg wildwachsenden Phanerogamen. Regensburg (in Commission bei Friedrich Pustet) [1865]. Oct. (*Fl. ratisb.*).
Ed. 1: Jun-Jul 1865 (p. iv: Mai 1865; Flora 22 Jul 1865), p. [i]-iv, [5]-80. *Copies*: B-S, M.
Ed. 2: Apr-Mai 1891 (p. (8): Spring 1891; Bot. Centralbl. 13 Mai 1891; Bot. Zeit. 26 Jun 1891; Nat. Nov. Mai(2) 1891), p. [(1)]-[8], [1]-115. *Copies*: B, M. – *Flora ratisbonensis*. Verzeichniss der um Regensburg wildwachsenden und häufig cultivierten Gefässpflanzen ... Zweite, sehr vermehrte Auflage. Regensburg (Druck und Verlag von Friedrich Pustet) 1891. Oct.
Ref.: Jannicke, C.H.W., Bot. Centralbl. 48: 23-24. 7 Oct 1891 (rev.).

Singer, Max (*fl.* 1885), Austrian rhodologist, botanist and high school teacher; from 1898 professor at the German Gymnasium in the "Königl. Weinbergen" in Praha. (*M. Singer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 282; Biol.-Dokum. 17: 8702; Herder p. 122; Rehder 3: 450; Tucker 1: 652.

BIOFILE: Anon., Österr. bot. Z. 48: 367. 1898 (prof. Gymn. k. Weinbergen, Praha). Dörfler, I., Botaniker-Adressbuch 230. 1909.

12.026. *Dictionnaire des roses* ou guide général du rosiériste ... Berlin (Librairie Paul Parey, ...) 1885, 2 vols. Oct. (*Dict. roses*).
1: Jul-Aug 1885 (J. Bot. Nov 1885; Bot. Zeit. 28 Aug 1885; Nat. Nov. Aug(2) 1885), p. [i]-vi, frontisp., [1]-439, *12 pl.* (uncol.).
2: Jul-Aug 1885 (J. Bot. Nov 1885; Bot. Zeit. 28 Aug 1885; Nat. Nov. Aug(2) 1885), p. [i-iv], *1 pl.*, [1]-363, [364], [1]-10, *10 pl.* (uncol.).
Copy: BR. – Descriptions of 6000 cultivars.

Singer, Rolf (1906-x), German mycologist; Dr. phil. Univ. Wien 1931 (student of R. Wettstein); emigrated to Barcelona, Spain 1933; Komarov botanical Institue, Leningrad 1935-1940; curator at the Farlow Herbarium 1941-1948, at the Instituto Miguel Lillo, Tucuman, Argentina 1948-1962; from 1962-1967 in Buenos Aires, 1967-1968 in Chile; from 1968 in Chicago. (*Singer*).

HERBARIUM and TYPES: Material at BAFC, LPS, M, MICH, SGO, URM, W. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 207, 269, 334; Barnhart 3: 282 (b. 23 Jun 1906); Biol.-Dokum. 17: 8702-8703; BJI 2: 164; Bossert p. 368; IH 1 (ed. 1): 96, (ed. 2): 122, (ed. 3): 156; (ed. 4): 174, (ed. 6): 60, (ed. 7): 343; Kelly p. 214; LS 25628-25662; MW p. 453, suppl. 323; Stevenson p. 1258.

BIOFILE: Anon., Field Mus. nat. Hist. Bull. 43(4): 6. 1972 (portr.); Amer. men sci. eds. 7-15, 1944-1982.
Hennig, B., Handb. Pilzfreunde 4: 96-100. 1967 (biogr. sketch and evaluation).
Kotlaba, F. & Z. Pouzar, Ceska Mykol. 30: 221-224. 1976 (tribute 70th birthday; portr.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 671. 1985.
Moser, M., Schweiz. Z. Pilzk. 44: 81-83. 1966 (tribute, portr.), Z. Pilzk. 42A: 127-128. 1976 (id. 70th birthday).
Moser, M. & E. Horak, Beih. Sydowia 8: 1-13. 1979 (bibl.).
Rogers, D.P., Brief hist. mycol. N. amer. ed. 2: 79. 1981.
Singer, M., Beih. Sydowia 8: 14-25. 1979 ("Glancing back" by Mrs. R. Singer).
Singer, R., Fl. neotropica 32 (Hydropus): 153. 1982 (brief biogr. note; portr.).
Verdoorn, F., ed., Chron. bot. 5: 307. 1939, 7: 186. 1943.

FESTSCHRIFT: Festschrift für R. Singer. Beihefte zur Sydowia VIII, 1979, eds. M. Moser & E. Horak.

EPONYMY: *Mesosingeria* S. Archangelsky (1963); *Singera* A.C. Batista et J. Bezerra (1960); *Singerella* H. Harmaja (1974); *Singeriella* Petrak(1959); *Singeromyces* Moser (1966).

NOTE: Most of Singer's major publications in bookform came out after our closing date (1939), e.g. *The Agaricales in modern taxonomy*, publ. Jun 1951 in Lilloa 22: 1-832, *20 pl.*, ed. 2. 1962 (Taxon 11: 257. 1962, 12: 37-38. 1963), ed. 3, 1975 (Taxon 24: 531. 1975) and *Die Röhrlinge*, 2 vols. 1965 and 1967. *The Boletineae of Florida*, a series of four papers in Farlowia and the American Midland Naturalist 1945-1947 was reprinted 1977 as

Bibliotheca mycologica Band 58 (J. Cramer, Vaduz, ISBN 3-7682-1145-2). For a complete bibliography see M. Moser & E. Horak (1979).

12.027. *Pilze aus dem Kaukasus.* Ein Beitrag zur Flora des südwestlichen Zentralkaukasus [Sonderabdruck aus "Beihefte zum Bot. Centralbl." Bd. xlvi. (1929) Abt. ii. Prag]. Oct. *Publ.*: 1929, p. [71]-113, *pl. 1. Copy*: FH. – Reprinted and to be cited from Beih. bot. Centralbl. 46(2): 71-113, *pl. 1. 1929.*

Sinning, Wilhelm (1792-1874), German (Prussian) horticulturist and botanist; in charge of the botanical garden of Bonn University 1819-1871; also lecturer at the Agricultural College Poppelsdorf from 1852. (*Sinning*).

HERBARIUM and TYPES: Unknown. – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 534; Barnhart 3: 282; BM 4: 1932; GF p. 76; Herder p. 362; Morren ed. 2, p. 8; NI (alph.); PR 6648-6663, ed. 1: 7424, 7443; Rehder 1: 46, 5: 801; TL-1/918; TL-2/6685; see T.F.L. Nees von Esenbeck; Tucker 1: 652.

BIOFILE: Anon., Bot. Zeit. 32: 783. 27 Nov 1872 (d. 16 Nov 1874); Gartenflora 3: 308. 1854 (Roter Adlerorden iv. Cl.).

COMPOSITE WORKS: With C.G. and Th.F.L. Nees von Esenbeck, *Pl. hort. bonn. icon.* 1824, see TL-2/6685. Continued as *Sammlung schönblühender Gewächse*, see below.

EPONYMY: *Sinningia* C.G.D. Nees (1825).

12.028. *Sammlung schönblühender Gewächse* für Blumen- und Gartenfreunde nach lebenden Exemplaren des Königlichen botanischen Gartens zu Bonn gezeichnet, beschrieben und mit genauer Anleitung zu ihrer Cultur begleitet ... Düsseldorf (in der lithographischen Anstalt von Arnz & Comp.) [1825-] 1831. Qu. and Fol. (*Samml. schönbl. Gew.*).
Co-author: Theodor Friedrich Ludwig Nees von Esenbeck (1787-1837).
Publ.: 1825-1831 (in 10 parts of 10 pl. each with text), p. [i], [1]-222, [223, err.], [1-2, index]. *Atlas* (Fol.): p. [i], *100 pl.* (col. liths.). *Copies*: MO, NY, USDA (orig. covers). – The dates of publication and the contents (as to the text) of the parts are not yet known to us.

Sinnott, Edmund Ware (1888-1968), American botanist; Dr. phil. Harvard 1913; Sheldon Fellow in Australia 1910-1911; at the Bussey Institution, Harvard with I.W. Bailey 1913-1915; professor of botany and genetics at the Connecticut Agricultural College at Storrs (later Univ. Connecticut) 1915-1928; professor of botany and chairman of the department at Barnard College, Columbia University 1928-1940; Sterling professor of botany and director of the Marsh Botanical Garden, Yale University 1940-1945; director of the Sheffield Scientific School, Yale Univ. 1945-1950; dean of the Graduate School 1950-1956. (*Sinnott*).

HERBARIUM and TYPES: A, DBN.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 333; Barnhart 3: 282 (b. 5 Feb 1888); BJI 2: 164; Bossert p. 369; Hirsch p. 276; Langman p. 702; Lenley p. 369; Tucker 1: 779, 2: xxxv, 3: 283.

BIOFILE: Anon., Amer. men sci. eds. 3-11, 1921-1967; Brit. Mus. gen. cat. print. books 223: 107-108. 1964; Nat. Cycl. Amer. Biogr. H (1947-1952): 191-192. 1952; Science 122: 1262. 1956 (retirement); Who's who Amer. 9-35, 1916-1969; Who was who Amer. 4: 1065. 1961-1968.
Avery, G.S., Bull. Torrey bot. Club 95: 647-652. 1968 (obit., portr., b. 5 Feb 1888, d. 6 Jan 1968).
Batcheller, F.N., Gloxinian 14(4): 7-8. 1964 (brief biogr. sketch).

Blakeslee, A.F., Scientific Monthly 66(1): 5-8. 1948 (biogr. notice, pres. A.A.A.S. for 1948).
Ewan, J. et al., Short hist. bot. U.S. 54. 1969.
Moritz, C., ed., Curr. biogr. Yearb. 1968: 462 (d. 6 Jan 1968).
Rothe, A., ed., Curr. Biogr. 1948: 583-585 (biogr. sketch, portr.).
Sinnottt, E.W., Plant morphogenesis New York, 1960, x, 550 p. (review of the author's field of interest 1920-1960); Plant Sci. Bull. 12(3): 1-4. 1966 ("The past as prelude").
Sparks, R.L., *in* J.F. Ohles, Biogr. dict. Amer. educ. 3: 1190-1191. 1978.
Wilson, K.S., Pl. Sci. Bull. 14(1): 6-7. 1968 (obit.).
Verdoorn, F., ed., Chron. bot. 1: 30, 31, 46, 289, 307. 1935, 2: 30, 31, 347. 1936, 3: 30, 309. 1937, 4: 135, 285, 446. 1938, 5: 233, 312. 1939, 6: 44, 139, 163, 164, 421. 1941, 7: 40, 138. 1943.

COMPOSITE WORKS: Editor-in-chief American Journal of Botany 1926-1932.

THESIS: *Reproductive structures in the Podocarpineae*, Ann. Bot. 27(15): 39-82, *pl. 5-9*. Jan 1913.

12.029. *Botany* principles and problems ... New York, London (McGraw-Hill Book Company, Inc.) 1923. Oct. (*Botany*).
Ed. 1: 1923 (p. xi: Jul 1923; Nat. Nov. Apr 1924), p. [i]-xix, 1-385. *Copies*: B-S, NY, USDA.
Ed. 2: 1929 (p. x: Mai 1929), p. [i]-xxi, 1-441. *Copies*: NY.
Ed. 3: 1935 (J. Bot. Aug 1935; Nat. Nov. Jul 1935), p. [i]-xix, 1-525. *Copies*: B-S, BR, MO, NY, USDA (Rev. A.B. Rendle, J. Bot. 73: 237-238. Aug 1935.
Ed. 4: 1946 (p. x: Jun 1946), p. [i]-xvii, 1-726. *Copies*: B, NY, USDA.
Ed. 5: 1955, p. [i]-viii, [ix-x], 1-528. *Copy*: BR.
Ed. 6: s.d. (copyright 1957; USDA rd 25 Jun 1963), p. [i-xii], [1]-515. *Copies*: G, USDA.

Sinskaya, Evgenija Nikolaevna (1889-1965), Russian botanist and agronomist; studied scientific agronomy at Moscow; worked in various agricultural stations between 1910 and 1916 and travelled widely in Central Asia and the Northern Territory; with the Novozybkovskaya Experiment Station 1916-1919; at the Saratov Province Land Department and at Saratov University 1919-1921; with N.I. Vavilow at the Petrograd Bureau of applied Sciences (later All-Union Institute of Plant Industry) 1921-1940 and from 1945-1965. (*Sinskaya*).

HERBARIUM and TYPES: All-Union Institute Plant Industry Leningrad; further material at LE (Medicago).

BIBLIOGRAPHY and BIOGRAPHY: IH 1 (ed. 2): 71, (ed. 3): 89, (ed. 4): 97, (ed. 5): 101, (ed. 6): 364, (ed. 7): 343; MW p. 453-456, suppl. p. 323; Roon p. 104; TL-2/3857.

BIOFILE: Anon., Taxon 14: 206. 1965 (d.).
Bakhteyev, F.K. et al., Der Züchter 35(8): 337-338. 1965 (obit.); Taxon 15(5): 169-176. 1966 (obit., bibl.).
Brezhnev, D.D. et al., Trudy Prikl. Bot. Genet. Selekc. 38(3): 233-237. 1968 (n.v.).
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Smetannikova, A.I., Bot. Zhurn. 57(6): 713-716. 1972 (obit., b. 25 Nov 1889, d. 4 Mar 1965).
Verdoorn, F., ed., Chron. bot. 1: 272. 1935, 5: 269, 450. 1939.

COMPOSITE WORKS: Komarov, Fl. URSS, *Cruciferae* genera 649-651, 8: 459-470. 20 Mai 1939, *Raphanus* 8: 492-495. 20 Mai 1939.

12.030. *On species formation in Lucerne* and in other plants ... Leningrad (published by the Institute of Plant Industry) 1935. Oct. (*Sp. form. Lucerne*).
Publ.: 26 Jul 1935, p.[2]-123, [124-125], [126, colo. dated], err. slip. *Copy*: NY. – Supplement 73 Bull. appl. Bot. Gen. Plant Breeding Lenin Acad. agr. Sci.

Sintenis, Paul Ernst Emil (1847-1907), German (Prussian) botanist and plant collector; studied pharmacy at Breslau (1877-1879) but dedicated himself exclusively to botanical collecting; in the Dobrudscha 1872-1876 (with his brother Max Benjamin Gerhard S., 1848-1894); in Cyprus 1880; worked with A. Toepfer in the Silesian exchange Club 1881-1882; collected in the Austrian coastal regions 1881, in Troas 1883, in Puerto Rico 1884-1887 and St. Thomas 1887; from then on collecting mainly in Greece, the Middle East, Armenia and Iran. (*Sint.*).

HERBARIUM and TYPES: LD (see Törje 1968). Sintenis plants were distributed in various ways and under various titles. Dobrudscha material is especially at K; Cyprus material was distributed by Keck; West Indian material distributed by Krug and Urban, first set at B (mainly destr.; dupl. extant) (for extensive details on the location of duplicates and special collections see Urban 1902). The Eastern mediterranean and Middle Eastern plants are widely distributed. The collections left by S. on his death were bequeathed to the Naturforschende Gesellschaft Görlitz; they are now at LD. – The following herbaria have holdings of Sintenis: A, AMES, ANK, B (partly extant), BAF, BG, BM, BP, BR, BREM, C, CAL, CGE, COLO, CORD, CR, DBN, E, F, G, G-DC, GB, GH, GOET, GRO, HAC, HBG, IBF, ISC, JE, K (see above), KIEL, L, LAU, LD, LE, LUB, LY, M, MANCH, MIN, MO, MSC, NSW, NY, O, OXF, P (very large set), PH, POM, PR, S, SI, STU, TB, TRIN, TU, U, UCWI, UPS, US, W, WB, WRSL, WU, Z. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 85; Barnhart 3: 282 (b. 4 Jun 1847, d. 6 Mar 1907); Bossert p. 370; Clokie p. 245; CSP 11: 423, 12: 683; Hortus 3: 1204; IH 1 (ed. 7): 343; Morren ed. 10, p. 9; Rehder 1: 452; TL-2/3614, 6461; Urban-Berl. 269, 272, 282, 291, 314, 398; Zander ed. 11, p. 818.

BIOFILE: Anon., Biogr. Jahrb. 12: 82*. 1909; Bull. Soc. bot. France 42: 288. 1895 (Armenian plants for sale); Hedwigia 39: (71). 1900 (to Iran), 46: (143). 1907 (d.; coll. to Naturf. Ges. Görlitz); Nat. Nov. 29: 237. 1907 (d.); Österr. bot. 31: 272. 1881 (conducts with Toepffer, Silesian bot. exch. Club), 38: 109. 1888 (to Armenia), 44: 404. 1894 (returned from Orient), 57: 175. 1907 (d.; herb. Mus. Görlitz).
Ascherson, P., Bot. Zeit. 45: 767. 1887 (subscr. Armenian pl.).
Cullen, J., Notes R. Bot. Gard. Edinburgh 25: 31-39. 1964 (on Turkish coll. of S.).
Hauck, F., Bot. Jahrb. 9: 457-458. 1888 (marine algae Puerto Rico coll. by S.).
Papavero, N., Essays hist. neotrop. dipterol. 306. 1975.
Sayre, G., Mem. New York Bot. Gard. 19(3): 399. 1975 (general info. coll.).
Sintenis, P., Österr. bot. Z. 31: 150-158, 189-194, 225-232, 255-260, 285-291, 324-330, 390-395. 1881, 32: 18-22, 51-55, 120-129, 190-195, 259-264, 290-293, 364-366, 396-400. 1882 (*Cypern und seine Flora*), 46(11): 409-410. 1896 (report on Iter graecum 1896, plants distr. by I. Dörfler); Allg. bot. Z. 6(2): cover. 15 Feb 1900 (will collect in Turan and Iran), 8(1): cover. 15 Jan 1902 (coll. for sale).
Törje, A., Acta Univ. Lund sect. 1(6): 119. 1968 (Herbarium Sintenis aquired in 1921; 80.000 specimens from the near East, 25.000 specimens from Porto Rico and a carpological collection; price paid 5700 Sw. crowns).
Urban, I., Symb. ant. 1: 16, 32, 53, 66-67, 88, 92, 108-109, 113, 114, 117, 135, 159, 171-173, 291-479, 3: 127-130. 1902 (coll.).
Verdoorn, F., ed., Chron. bot. 4: 565. 1938.
Wagenitz, G., Index coll. princ. herb. Gott. 157. 1982.

HANDWRITING: Candollea 33: 393-394. 1978.

NOTE: The Sintenis collections have been described by many authors, especially by J.F.N. Bornmüller; see bibliography by Wisniewski, *in* Fedde, Repert. Sp. nov. 100: 11-27. 1938 and by J.F. Freyn (e.g. *Über neue und bemerkenswerthe orientalische Pflanzenarten*, Bull. Herb. Boiss. 3: 31-40, 75-83, 97-108, 177-193, 302-307, 345-358, 466-478, 643-671. 1895, 4: 42-57, 133-144, 178-200. 1896, *Plantae ex Asiae mediae*, id. ser. 2. 3: 557-572, 685-700, 857-872, 1053-1068. 1903, ser. 2. 4: 33-48, 443-458, 755-770, 1105-1128. 1904, ser. 2. 5: 557-572, 784-799, 1012-1027. 1905, ser. 2. 6: 193-216. 1906).

Sirjaev, Grigorii (Gregory) Ivanovich (1882-1954), Russian (Ukranian) botanist; assistant at the Charkov botanical institute 1907-1914; from 1922 connected with the Botanical Institute of Masaryk University, Brno; Dr. Sci. ib. 1927, from 1935 as professor of botany at Masaryk University, Brünn (Brno); from 1951 in the United States. (*Širj.*).

HERBARIUM and TYPES: BRNU; other material at C, GB, GH. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 283 (b. 24 Jan 1882); Biol.-Dokum. 17: 8706; BJI 2: 165; Bossert p. 370; Futak-Domin p. 589; Klásterský p. 181 (d. 18 Jun 1954); MW p. 454, suppl. p. 323.

BIOFILE: Hrabetova-Ukrova, A., Preslia 37: 92. 1965 (biogr. sketch).
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Rechinger, K.H., Phyton 6(1-2): 24-30. 1955 (obit., bibl., portr.).
Verdoorn, F., ed., Chron. bot. 1: 109, 351. 1935,2: 106. 1936, 3: 89. 1937, 6: 305. 1941.

COMPOSITE WORKS: *Onobrychis*, subgen. *Euonobrychis*, in E. Hannig & H. Winkler, eds., *Die Pflanzenareale* ser. 1. Heft 5, maps *41-44* and Heft 6, maps *55-60*. 1927; *Trigonella*, ib. ser. 2. Heft 8, *pl. 71-79*. 1930.

12.031. *Onobrychis generis revisio critica* ... Brno (Vlastním nákladem vydává Přírodovědecká Fakulta ...) 1925-1937, 3 parts. (*Onobrychis revis. crit.*).
1: 1925 (p. 4: 28 Oct 1924; BR rd 22 Apr 1926), p. [1]-195, [196, err., 197, index], *pl. 1-17* (1, 2, 4-6 in text). Issued as Publ. Fac. Sci. Univ. Masaryk (Spisy př-irod. Fakult. Masaryk. Univ.) 56, 1925.
2/3: 1926 (p. [3]: 29 Mar 1926; ÖbZ for Jun-Aug 1926), p. [1]-165. – Issued id. 76, 1926. Plates and maps in text.
Copies: B, BR, FI, G, M.
Suppl. 1: (in 2/3).
Suppl. 2 (= 4): 1937, p. [1]-14, *1 pl.* – Id. 242, 1937. *Copies*: B, REG, US.

12.032. *Generis Trigonella* L. *revisio critica* i-vi, ... Brno (Vlastním nákladem vydáva přírodověcká Fakulta ...) 1928-1933. Oct. (*Trigonella revis. crit.*).
1: 1928, p. [1]-57, *pl. 1-2, charts 1-3*. – Issued as Publ. Fac. Sci. Univ. Masaryk (Spisy přírod. Fakult. Masaryk Univ.). Brno 102, 1928.
2: 1929, p. [1]-37, *pl. 4-6, charts 4-9*. – Id. 110, 1929.
2(1): 1934, p. [1]-15. – Id. 92, 1934.
3: 1930, p. [1]-31, *pl. 7-8, charts 10-11*. – Id. 128. 1930.
4: 1931, p. [1]-33, *pl. 9-10*. –Id. 136, 1931.
5: 1932, p. [1]-43, *pl. 11-12, charts 12-15*. – Id. 148. 1932.
6: 1933, p. [1]-37. – Id. 170, 1933.
Copies: BR, FI, GOET (inf. G. Wagenitz), M.
Supplement: see below. – *Entw.-Gesch. Trigonella*, 1936.

12.033. *Generis Ononis* L. *revisio critica* ... Sonderabdruck aus "Beihefte zum Bot. Centralbl." Bd. xlix. (1932) Abt. ii. Dresden-N. (Verlag von C. Heinrich) 1932. Oct.
Publ.: 1932, p. [381]-665, *pl. 6-10* (*10* in text). – Published in and to be cited from Beih. Bot. Centralbl. 49(2): 381-665, *pl. 6-10*. 1932. – *Copies of reprint*: B, FI.

12.034. *Die Entwicklungsgeschichte der Gattung Trigonella* ... Praha [Assoc. russe Rech. Sci. Prague] 1935. Oct. (*Entw.-Gesch. Trigonella*).
Publ.: 1935, cover-t.p., p. 1-28. *Copies*: B, FI, M. – Issued as Bull. Ass. russe Rech. sci. Prague 2(7), Sect. Sci. 9: 1-28 (135-162). 1935.

12.035. *De Albi serie sect. Orobus* gen. Lathyrus ... Praha [Ass. russe Rech. Sci. Prague] 1936-1937, 2 parts. Oct. (*Albi ser. sect. Orobus*).
1: 1936, cover-t.p., p. 1-22 (217-238). – Issued as Bull. Ass. russe Rech. sci. Prague 3(8). Sect. sci. 18: 1-22 (217-238). 1936.
2: 1937, cover-t.p., p. 1-23 (239-261). – Id. 5(10), Sect. Sci. 33: 1-23 (239-261). 1937.

Copies: B, US.

12.036. *Tragacanthae novae* ... Brno (Vlastním nákladem vydává přírodovědecká Fakulta ...) 1939. Oct. (*Tragacanth. nov.*).
Publ.: 1939, p. [1]-7. *Copy*: B. – Issued as Publ. Fac. Sci. Univ. Masaryk (Spisy přírod. Fakult. Masaryk. Univ.), Brno 272. 1939.

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Publ.: 1943, cover-t.p., 1-14 (25-37, [38]). *Copy*: B. – Issued as Abh. russ. Forschungsges. Prag 11(16), no. 79.

Sirks, Marius Jakob (1889-1966), Dutch botanist and geneticist; Dr. phil. Utrecht Univ. 1915 (student of F.A.F.C. Went); plant breeder at Bunnik 1916-1917, botanist and research geneticist at the Institute for plant breeding at Wageningen 1917-1937; extra-ordinary professor of genetics Groningen (and idem at Leiden) 1937-1948; regular professor of genetics Groningen 1948-1960 (1961), secretary of the International Union of Biological Sciences 1935-1947, president 1947-1950. (*Sirks*).

HERBARIUM and TYPES: Unknown. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 283 (13 Oct 1889); Biol.-Dokum. 17: 8706-8707; BL 1: 106, 318, 2: 427, 717; Bossert p. 370; Hirsch p. 276; JW 1: 448, 2: 200, 3: 369, 5: 252; Lenley p. 369; NI 2: 178, 227, 3: 31; SK 1: cxxi; Tucker 3: 283.

BIOFILE: Anon., Bot. Centralbl. 129: 688. 1915 (geneticist with "Zwaan en de Wilpes"); Hedwigia 58: (89). 1916 (in charge of the plant breeding section of the Seed firm Zwaan en de Wilpes, Scheemda, Groningen); Wie is dat? ed. 1: 237. 1931, ed. 2: 296-297. 1932, ed. 3: 344. 1935; World biogr. L-Z: 4399-4400. 1948.
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COMPOSITE WORKS: (1) Editor *Genetica* 1931-1961.

12.038. *Indisch natuuronderzoek*. Academisch proefschrift ter verkrijging van den graad van doctor in de plant- en dierkunde aan de Rijksuniversiteit te Utrecht, op gezag van den rector-magnificus ..., volgens besluit van den Senaat der Universiteit, tegen de bedenkingen van de Faculteit der wis- en natuurkunde, te verdedigen op Dinsdag 23 Maart 1915, des namiddags ten 4 ure, door Marius Jacob Sirks, geboren te Rotterdam. [Amsterdam] (Amsterdamsche Boek- en Steendrukkerij v.h. Ellerman, Harms & Co.) 1915. Oct. (*Ind. natuurond.*).
Publ.: 23 Mar 1915, p. [i]-xi, 1-303, [1-4, theses]. *Copies*: HH, MO, NY, U.
Commercial issue: 1915 (on or after 23 Mar 1915), p. [i]-xi, 1-303. *Copies*: BR, USDA. "Indisch natuuronderzoek. Een beknopte Geschiedenis van de beoefening der natuurwetenschappen in de Nederlandsche Kolonien ..." Amsterdam (uitgegeven door het

Koloniaal Instituut) 1915. – Issued as Kolon. Inst. Amsterdam, no. 6, Afd. Handelsmuseum no. 2. – "Autoreferat" in Bot. Centralbl. 129: 513-515. 1915.

12.039. *Beiträge zu einer genotypischen Analyse der Ackerbohne*, Vicea Faba L. ... Haag ['s Gravenhage] (Martinus Nijhoff) 1932. Oct.
Publ.: 1932 (Nat. Nov. Sep 1932), cover-t.p., p. [209]-631. *Copies*: B, USDA. – Reprinted from Genetica 13: 209-631. 1932.

12.040. *Botany in the Netherlands* edited for the Organizing Committee of the Sixth International Botanical Congress ... Leiden (E.J. Brill) 1935. Oct. (*Bot. Netherl.*).
Publ.: 2 Sep 1935, p. [i]-vii, [viii], portr. [1, 2] of F.A.F.C. Went and Hugo de Vries, [1]-140. *Copies*: B, BR, FAS, G, HH, MO, NY, U, USDA.

12.041. *Zesde Internationaal Botanisch Congres* Amsterdam, 2-7 September, 1935. *Proceedings* ... Leiden (E.J. Brill) 1936. 2 vols. Oct. (*Zesde Int. Bot. Congr., Proc.*).
1: 1936 (MO rd 26 Mar 1936, p. [vii]: 27 Nov 1935), p. [i-iv], portr. J.C. Schoute, [v]-xvi, portr. F.A.F.C. Went, [1]-450; loose leaflet with photogr. – Report of the Activities.
2: 1935, p. [i]-xiii, [1]-317. – Abstracts of sectional papers.
Copies: FAS, MO, U.

12.042. *Evolutie*, biologisch gezien ... Voordracht, gehouden voor de Groningsche Vereniging voor Wijsbegeerte en de Theologische Faculteits Vereeniging der Rijksuniversiteit te Groningen op Maandag 21 October 1941. Overgedrukt uit "De Gids", 105 Jaargang, 1941. Oct. (*Evolutie*).
Publ.: 1941, cover-t.p., p. [1]-25. *Copy*: FAS.

Sirodot, Simon (1825-1903), French botanist; studied at Dijon and Paris; École normale supérieure 1852; high school teacher at Toulouse, Strasbourg, Le Mans, Cahors, Limoges; professor of botany and zoology at the Faculty of Sciences, Rennes 1860 (regular: 1867)-1895. (*Sirodot*).

HERBARIUM and TYPES: Types of algae at Station biologique, Roscoff; other material at L and PC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 283 (b. 10 Jan 1825, d. 11 Jan 1903); BM 4: 1933; CSP 5: 709, 8: 961, 11: 424, 12: 685, 18: 773; De Toni 1: cxv-cxvi; IH 2: (files); Jackson p. 157; Moebius p. 94; Morren ed. 10, p. 68; NI 1852.

BIOFILE: Anon., Cat. gén. livr. impr. Bibl. natl. 173: 859-860. 1948; Hedwigia 42: (161). 1903 (d.); J. Bot., Morot, Bull. Bibl. 17: xx. 1903 (d.); Nat. Nov. 25: 143. 1903 (corr. memb. Acad. Sci., Paris).
Bornet, E., Bull. Soc. bot. France 50: 143. 1903 (obit. not.); C.R. Séanc. Acad. Sci. Paris 136: 126-128. 1903 (obit.).
Cesati, V., Saggio bibl. alg. ital. 353-354. 1882.
Koster, J.Th., Taxon 18: 557. 1969 (types at Roscoff).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 673. 1985.
Newton, L.M., Phycol. Bull. 1: 18. 1952 (coll. Roscoff).

EPONYMY: *Sirodotia* Kylin (1912).

12.043. *Étude anatomique*, organogénique et physiologique *sur les* algues d'eau douce des *Lémanéacées* ... Mémoire ... Paris (Librairie de G. Masson ...) 1872. Oct.
Publ.: Jul 1872 (in journal), p. [1]-95, *pl. 1-8* (uncol. liths. auct.). *Copy*: NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 5. 16(1): 5-95. 1872.

12.044. *Les Batrachospermes* organisation fonctions, développement, classification ... Paris (G. Masson, ...) 1884. Qu. (*Batrachospermes*).
Publ.: 1884 (p. [v]: 15 Feb 1884; J.Bot. Jan 1885; Bot. Zeit. 30 Jan 1885; Nat. Nov.

Dec(1) 1884; Hedwigia Jan-Feb 1885), p. [i-v], [1]-299, *pl. 1-50* (col. copp. auct. and Bézier). *Copies*: B-S, BR, FH, G, MICH, MO, NY, PH, USDA.
Preliminary notice: C.R. Acad. Sci., Paris 76: 1216-1220, 1335-1339. 1873.
Ref.: J.C., Bull. Soc. bot. France 31(bibl.): 182-185. 1885.
Askenasy, E., Bot. Zeit. 43: 729-734. 15 Nov 1885 (rev.).

Sismonda, Eugenio (1815-1870), Italian palaeontologist; Dr. med. Torino 1839. (*Sismonda*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 333; Barnhart 3: 283; BM 4: 1933; CSP 5: 710, 8: 962; Jackson p. 60, 180, 187; LS 24925-24927; PR 8699; Quenstedt p. 400 (b. 29 Apr 1815).

BIOFILE: Anon., Boll. Comit. geol. Italia 1870(1): 144-145 (obit. not.); Bonplandia 3: 34. 1855 (cogn. Leopoldina: Moro).
Sobrero, Atti Acad. Sci. Torino 6: 327-357. 1871 (obit.; b. 29 Apr 1815).
Zittel, K.A. van, Gesch. Geol. Paläont. 543, 705, 808, 837. 1899.

EPONYMY: *Sismondaea* Delponte (1854).

12.045. *Matériaux pour servir à la paléontologie du terrain tertiaire du Piémont* ... Turin [Torino] (de l'Imprimerie royale) 1865. Qu. (*Mat. terrain tert. Piémont*).
Publ.: 1865, p. [1]-83, *pl. 1-2, 2bis, 3-31, 31bis, 32-33* (uncol. liths.). *Copies*: FI, G, USGS. – Reprinted from Mém. Acad. Sci. Turin ser. 2. 22: 391-471. 1865.
Continuation: Mém. Acad. Sci. Turin 25: 257-361. 1871.
Preliminary publ.: 1859 (read 29 Mai 1859), *Prodrome d'une flore tertiaire du Piémont*, Mem. r. Accad. Sci. Torino ser. 2. 18: 519-547, *pl. 1-4*. 1859.

Sjöstedt, [Lars] Gunnar (1894-1975), Swedish botanist; studied at Lund; Dr. phil. 1920; assistant at the Lund botanical Institute from 1918; lecturer in marine biology Univ. Lund 1928-1932; head teacher in biology High School Falun 1932-1948; id. Training School Kristianstad 1949-1958. (*Sjöstedt*).

HERBARIUM and TYPES: LD; other material at E, H.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 284; BM 8: 1198; KR p. 645-646 (b. 6 Oct 1894).

BIOFILE: Anon., Bot. Not. 1919: 182 (stipend), 1926: 287 (Dr. phil.); id. Generalregister 1839-1938: 72, 197, id. 1939-1958: 28; Cat. gén. livr. impr. Bibl. natl. 173: 998-999. 1948; Sv. bot. Tidskr. Generalregister, 1927-1946: 34.
Fries, R.E. et al., Short hist. bot. Sweden 24, 61, 81. 1950.
Koster, J.Th., Taxon 18: 557. 1969 (coll. LD).

12.046. *Algologiska studier vid Skånes södra och östra kust* ... Lund (C.W.K. Gleerup), Leipzig (Otto Harrassowitz) 1920. Qu. (*Algol. stud. Skån. kust*).
Publ.: 1920 (preface 31 Mar 1918, printed 30 Jun 1920 (p. 40)), "1920"), p. [1]-40. *Copies*: FH, LD. – Issued as Lunds Univ. Årsskr. ser. 2. avd. 2. 16(7): (also: K. Fysiogr. Sällsk. Handl. ser. 2. 31(7)). – See also Bot. Not. 1921: 101-130. (Om järnutfällning hos hafsalger vid Skånes kuster).

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Publ.: 1926 (read 10 Feb 1926; thesis defended 30 Apr 1926; Nat. Nov. Apr 1927), p. [1]-94, [95, cont.]. *Copies*: BR, FH, US. – Issued as Lunds Univ. Årsskr. ser. 2. avd. 2. 22(4), (also: K. Fysiogr. sällsk. Handl. ser. 2. 37(4)).

Sjöstrand, Magnus Gustaf (1807-1880), Swedish botanist and clergyman; studied at

Uppsala; ordained 1841; assistant vicar at Torslunda in Oland 1856 [1857], parish priest 1870. (*Sjöstrand*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 284; Biol.-Dokum. 17: 8711; BL 2: 536, 544, 717; BM 4: 1935; CSP 5: 711; GR p. 560; KR p. 646 (b. 16 Oct 1807; d. 17 Mar 1880); LS 24916; PR 8695; Rehder 1: 356.

BIOFILE: Anon., Bot. Not. 1880: 110 (obit. not.); Bot. Zeit. 38: 408. 1880 (d.); J. Bot. 18: 160. 1880 (d.).
Lundqvist, Å., Sv. bot. Tidskr. 75: 305, 308, 309, 311. 1981.
Scheutz, N.J., Bot. Centralbl. 1/2: 255. 1880 (d.).
Sterner, R., Flora der Insel Öland 6, 7. 1938.

12.048. *Enumeratio plantarum, in Ölandia* sponte nascentium, ... [Upsaliae (Excud. Leffler et Sebell ...) 1850]. Qu.
Publ.: 1850, p. [1]-62, *pl. iv. Copies*: H, LD, Peterson. – Reprinted and to be cited from Nov. Act. Soc. Sci. upsal. 14: 455-516. *pl. iv.* 1850.

12.049. *Calmar läns och Ölands flora* ... Calmar (på J.A. Almquists förlag) 1863. Oct. (*Calmar läns Ölands fl.*).
Publ.: 1863 (Bot. Not. Jul 1863), p. [i-vii], [1]-359, [360, err.], [i]-iv. *Copies*: G, LD, NY, Peterson, USDA. – Preceded by *Enumeratio plantarum, in Ölandia sponte nascentium*, Nova Acta Ups. Soc. Sci. 14: 455-516, *4 pl.* 1850, see TL 2/12.048
Addenda: N.J. Scheutz, Bot. Not. 1863: 119-124. Aug 1863 and E.V. Ekstrand, Bot. Not. 1866: 18-24.

Skalińska, Maria (1890-1977), Polish botanist and geneticist; Dr. sci. nat. Bern 1912; lecturer in genetics and plant embryology Horticultural College, Warsaw 1916-1923; associated with the Department of Genetics, College of Agriculture Warsaw from 1920; professor of botany and genetics Free University of Poland, Warsaw 1924-1938; habil. Jagellonian Univ. Cracow 1938; in Great Britain 1939-1946; professor of plant anatomy and cytology Jagellonian Univ., 1946-1963; in retirement continuing her work in Cracow. (*Skalińska*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 17: 8712; Futak-Domin p. 542; Hirsch 276-277.

BIOFILE: Lowden, R.M., Taxon, Index pers. names vols. 1-30. 673. 1985.
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Szafer, W., Conc. hist. bot. Cracow 90, 95, 109, 120, 138, 141, 142, 143. 1969.
Verdoorn, F., ed., Chron. bot. 1: 241. 1935, 2: 256, 395. 1936, 3: 223. 1937, 5: 479. 1939.

COMPOSITE WORKS: (1) Editor, *Act. biol. cracov., Bot.* 1-21, 1958-1977.

FESTSCHRIFT: Act. biol. cracov., Bot. 1960.

Skan, Sidney Alfred (1870-1939), British gardener, botanist and librarian; student gardener, Royal Botanical Gardens, Kew 1892-1894; herbarium assistant 1894-1899; librarian 1899-1933. (*Skan*).

HERBARIUM and TYPES: K. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 284; BM 4: 1935; Bossert p. 370; Desmond

p. 562 (b. 13 Aug 1870, d. 19 Dec 1939); Hortus 3: 1204; Lenley p. 369; MW p. 454-455; TL-2/1814, 2448, 7055, see W.B. Hemsley; Zander ed. 11, p. 818.

BIOFILE: Anon., Bull. misc. Inf., Kew , app. 5: 136-137. 1907 (list publ. 1896-1906), 1933: 462 (retirement), 1940: 46-47 (obit.); Gard. Chron. ser. 3. 107: 86. 1940 (obit.); J. Kew Guild 5: 918-919. 1941 (obit., portr.).
Bullock, A.A., Bibl. S. Afr. Bot. 109. 1978.
Verdoorn, F., ed., Chron. bot. 1: 167. 1915, 6: 417. 1941.

COMPOSITE WORKS: (1) W.H. Harvey et al., *Flora capensis*:
(a) *Betulaceae*, 5, sect. 2(4): 573-574. Jan 1925.
(b) *Salicineae*, 5, sect. 2(4): 574-579. Jan 1925.
(c) *Ceratophyllaceae*, 5, sect. 2(4): 580-581. Jan 1925.
(d) *Labiatae*, 5, sect. 1(2): 226-387. Labiatae (with N.E. Brown, T. Cooke).
(2) D. Oliver et al., *Flora of tropical Africa*:
(a) *Salicineae*, 6, sect. 2(2): 316-326. Nov 1927.
(b) *Ceratophyllaceae*, 6, sect. 2(2): 326-327. Nov 1917.
(c) *Labiatae*, 4, sect. 2(2): 261-384. Feb 1906, 2(3): 385-462. Jun 1906, with W.B. Hemsley.

Skeels, Homer Collar (1873-1934), American botanist; B.Sc. Michigan Agr. Coll. 1898; gardener, Bot. Gard. Michigan State Coll. 1898-1899; botanist, Forest of Arden, Joliet, Ill. 1900-1906; gardener Dellwood park 1906-1908; with the Bureau of Plant Industry, U.S.D.A. 1908-1934. (*Skeels*).

HERBARIUM and TYPES: Seed collections at BARC. – Other material at F, MSC, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 661; Barnhart 3: 284 (b. 31 Jul 1873, d. 3 Jan 1934); Hortus 3: 1204; MW p. 455; RS p. 142; Tucker 3: 283; Zander ed. 11, p. 818.

BIOFILE: Anon., J. Washington Acad. 24(2): 112. 1934 (obit. not.).
Cattell, J.M., et al., eds., Amer. men Sci. ed. 3: 629. 1921, ed. 4: 900. 1927, ed. 5: 1025. 1933.
P.R., Science ser. 2. 79: 49. 1934.
Verdoorn, F., ed., Chron. bot. 1: 325. 1935 (obit., portr.).
Voss, E.G., Contr. Univ. Mich. Herb. 13: 66. 1978.

Skene, Macgregor (1889-1973), British (Scottish) botanist; Dr. phil. Aberdeen 1906; continued his studies at Berlin, Strassburg and Montpellier; lecturer in plant physiology, Univ. Aberdeen; senior lecturer on botany 1925-1934; director of the botanic garden 1934-1955 and Melville Wills professor of botany in the University of Bristol 1935-1955. (*Skene*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 284 (b. 20 Oct 1889); BL 2: 264, 717; Hirsch p. 277; Tucker 3: 283.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 223: 387-388. 1964; Nature 75: 1021. 1955; Who's who (London) 1936-1972; Who was who 7: 732. 1982.
Willis, A.J., Proc. Bristol Natural. Soc. 33: 10-13. 1974 (obit., portr., d. 8 Aug 1973).

12.050. *Common plants* . . . London & New York (Andrew Melrose, Ltd.) [1921]. Oct. (*Common pl.*).
Publ.: 1921 (p. [1]; J. Bot. 1921), frontisp., p. [i-iv], [1]-271, *pl. 1-26. Copies*: HH, MO, NY.
Ref.: Anon., J. Bot. 59: 333-334. Nov 1921.

12.051. *The biology of flowering plants* . . . London (Sidgwick & Jackson, Ltd.) 1924. Oct. (*Biol. fl. pl.*).

Publ.: 1924 (p. vi: Mai 1924; MO rd 26 Nov 1924; Kew Bull. 4 Oct 1924), p. [i]-xi, 1-523, *pl. 1-8. Copies*: B-S, G, HH, MO, USDA.
Second impression revised: 1932 (p. vi: Nov 1931), p. [i]-xi, 1-523. *pl. 1-8. Copy*: NY.
Third impression: 1938 (p. vi: Mar 1938).
Fourth impression, revised: 1947 (p. vi: Mai 1946), p. [i]-xi, [1]-527, *pl. 1-8. Copy*: BR.
Ref.: Braid, K.W., J. Bot. 63: 29-30. Jan 1925 (rev.).

Skepper, Edmund (1825-1867), British botanist and druggist at Harwich and Bury St. Edmunds. (*Skepper*).

HERBARIUM and TYPES: BM. – *Letters* also at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 284; BB p. 277; BL 2: 266, 717; BM 4: 1936; Desmond p. 562 (b. 20 Oct 1825, d. 2 Jun 1867); Jackson p. 360; PR 3980; TL-2/2660; Tucker 1: 653.

BIOFILE: Hind, W.M., Fl. Suffolk 485-488. 1889.
Kent, D.H., Brit. herb. 78. 1957 (coll. BM).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 244. 1984 (BM not listed; reference to other herbaria).

COMPOSITE WORKS: With J.S. Henslow, *Flora of Suffolk*, 1860, see TL-2/2660.

EPONYMY: *Skepperia* Berkeley (1857); *Skepperiella* Pilát (1927).

Skinner, George Ure (1804-1867), British orchidologist, ornithologist and merchant in London and Leeds and, from 1831, in Guatemala; introduced many orchid species into cultivation. (*Skinner*).

HERBARIUM and TYPES: Material at CGE, E, FI, K, PH.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 916; Backer p. 535, 606; Barnhart 3: 285 (b. 18 Mar 1804, d. 9 Jan 1867); BB p. 277; Desmond p. 562.

BIOFILE: Ames, O. & D.S. Correll, Orchids of Guatemala vii. 1952 (Fieldiana, Bot. 26(1)).
Anon., Trans. bot. Soc. Edinburgh 9: 91-94. 1868.
Bateman, J., Gard. Chron. 1867: 180-181 (obit.).
Bentham, G., Proc. Linn. Soc. 1866-1867: xxxviii-xl. 1867 (obit.).
Hemsley, W.B., Biol. Centr. Amer., Bot. 4: 124-125. 1886 (biogr. sketch).
Herman, D., Orch. Digest 40(2): 59-61. 1976 (Skinner and J. Bateman).
Reinikka, M.A., Amer. Orchid. Soc. Bull. 33(5): 403-405. 1964; Hist. Orchid 169-173. 1972.
Wilson, J.G. & J. Fiske, eds., Appleton's Cycl. Amer. biogr. 5: 545. 1888.
Yearsley, G.G., Orchideen 41(5): 186-188. 1979; Orchid Digest 46(4): 150-151. 1982 (Orchid personalities).

EPONYMY: *Uroskinnera* Lindley (1857).

Skofitz, Alexander (1822-1892), Galicia-born Austrian botanist of Carniolan origin; grew up in Laibach (Ljubljana), studied pharmacy in pharmacies at Laibach, Pottendorf and Znaim (Moravia) and at the University of Vienna 1845-1847; collected plants in the Austrian empire; founded and edited the "Oesterreichisches botanisches Wochenblatt" (later Zeitschrift) 1851-1889; Dr. phil. Göttingen 1854. (*Skofitz*).

HERBARIUM and TYPES: W. – Some further material at B (extant), BP, GFW. – Skofitz founded the "Botanischer Tauschverein in Wien" (originally called "Tauschverkehr" for legal reasons), an enterprise he ran from its foundation in 1846 until his death, handling 20-30.000 specimens per year; this society merged with the "Wiener Tausch-Herbarium" of Joseph von Leithner, a similar institution. After the merger (1857)

Skofitz continued to handle the material from the Austrian Empire. See Anon., Bonplandia (1857) and ÖbW and ÖbZ for further details. – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 405; Barnhart 3: 285 (b. 21 Jan 1822, d. 17 Nov 1892); Bossert p. 370; Futak-Domin p. 544; Herder p. 478; Morren ed. 2, p. 15, ed. 10, p. 31; WU 35: 73-76; Urban-Berl. p. 398.

BIOFILE: Anon., Bonplandia 3: 158. 1855 (cogn. Leopoldina: Hoppe), 5: 189-190. 1857 (the "Botanischer Tauschverein in Wien, run by Skofitz, merges with the "Wiener Tausch-Herbarium", founded 1851 by J. v. Leithner; Skofitz will conduct the Austrian (s.l.) part, Leithner the rest of the world), 6: 53. 1858 ("Hoppe iii" in Leopoldina); Bot. Centralbl. 52: 351. 1892 (d.); J. Bot., Morot 3: 128. 1889 (R. v. Wettstein succeeds Skofitz as editor of ÖbZ); Nat. Nov. 14: 440. 1892 (d.).
Neilreich, A., Österr. bot. Z. 25: 1-4. 1875 (biogr. sketch, portr.).
Skofitz, A., Bonplandia 6: 386. 1858 (change ÖbW to ÖbZ).
Voss, W., Vers. Gesch. Bot. Krain (1754 bis 1883) 1: 38-39. 1884.
Wettstein, R. v., Österr. bot. Z. 42: [i]. 1892 (death notice).
Wittrock, V.B., Acta Horti Berg. 3(2): 85. 1903, 3(3): 70. 1905.

COMPOSITE WORKS: Founder and editor of *Österreichisches botanisches Wochenblatt* 1-7, 1851-1857, continued as *Österreichische botanische Zeitschrift* 8-111, 1858-1964 (IDC 5598), (Skofitz editor up to and including 39(2). Feb 1889). The Wochenblatt ("weekly") was indeed published each week; the Zeitschrift was a very regular, monthly journal which constitutes the richest single source of information on the botany and botanists of the Austrian empire in the second half of the nineteenth century, but became also a rich source of bibliographical information because of its prompt noticing of new literature (see *Progr. Österr. bot. W.-Bl.* below).

EPONYMY: *Skofitzia* Hasskarl et Kanitz (1872).

12.052. *Programm. Oesterreichisches botanisches Wochenblatt.* Gemeinnütziges Organ für Botanik und Botaniker, Gärtner, Oekonomen, Forstmänner, Aerzter, Apotheker und Techniker. [Wien (gedruckt bei Carl Ueberreuter) 1851]. (*Progr. Österr. bot. W.-Blatt*). *Publ.*: 1851, p. [1-4]. *Copies*: G, W. – Announcement and description of contents of the new ÖbW. On p. 4 information on the *Botanischer Tauschverein*, founded 1846, which now has 135 members and which has distributed 200.000 specimens.

Skottsberg, Carl Johan Fredrik (1880-1963), Swedish botanist and botanical explorer; Dr. phil. Uppsala 1907; lecturer ib. 1907, curator at the Botanical Museum 1909-1914, in charge of the construction of the new botanical garden at Göteborg 1915; director of this garden 1919-1948 and professor of botany at Göteborg 1919-1947; travelled widely with special emphasis on the Antarctic, South America and the Pacific Islands. (*Skottsb.*).

HERBARIUM and TYPES: Until 1919 first sets at S and UPS (dupl. GB), from 1919 first sets in general at GB, dupl. S, UPS. Further material at A, B (mainly destr.), BA, BISH, BM, C, F, G, GB, GH, H, HBG, K, L, LD, M, MO, NY, O, P, PC, S, SGO, SI, UPS, US, W. *Correspondence* 1915-1947 at the record-office of the municipality of Göteborg. – About 85 letters from S. and about 650 letters to S. at Göteborg (Univ. Libr.). – 45 letters to Brotherus at Helsinki (Univ. Libr.). – Collection of 31 letters from S. 1935-1963 at Stockholm (KVA). About 100 letters from S. at Uppsala (Univ. Libr.). – Correspondence (about 1000 letters) between S. and R. Sernander, G. Einar Du Rietz, Greta Sernander-Du Rietz, R. Du Rietz and F. Hård av Segerstad in the private coll. of Bibliographer Rolf Du Rietz, Uppsala. – Other letters at e.g. FH, G, HU, SIA. – *Diaries and note-books* (1900-1955) e.g.: Antarctic 1901-1903; Swed. Magallanes Exp. 1907-1909; Swed. Pacific Exp. 1916-1917; Hawaii 1922, 1932, 1938; Pac. Congr. New Zealand 1949; Swed.-Chilean Pac. Exp. 1954-1955 at Stockholm (KVA). – *Photographic glass plates* (about 900) and films (about 1200) at Göteborg (GB).

NOTE: The entry on Skottsberg was submitted by B. Peterson, Göteborg.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 285; BJI 2: 165-166; BL 1: 318 (index); BM 4: 1936-1937, 8: 1199; Bossert p. 370; Collander p. 492-493; CSP 18: 781; GR p. 500; Hirsch p. 277; Hortus 3: 1204; IF suppl. 4: 339; IH 1 (ed. 2): 54, (ed. 3): 66, (ed. 4): 79, (ed. 6): 364, (ed. 7): 343; Kleppa p. 238, 302; KR p. 648-652 (b. 1 Dec 1880; detailed bibl. until 1924); MW p. 455, suppl. 324; PH 209; Roon p. 104; SBC p. 132; SK 1: 486-487, cxx, 5: cccxxii, 8: xc; SO 3018a; TL-2/1711, 1713, 4063, 5190; Tucker 1: 653, 779, 3: 283; Urban-Berl. p. 314, 398; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Allan, H.H., Trans. Proc. R. Soc. New Zealand 68: 633-634. 1939 (visit New Zealand).

Almborn, O., Bot. Not. 133: 455. 1980 (on S. and Lund).

Andersson, J.G., Antarctic. Stockholm 1944.

Anon., Bot. Not. 1901: 209 (Sw. Antarctic Exp.), 1917: 46 (Juan Fern. Exp.), 1931: 227, 394 (personal prof. Göteborg), 1934: 280 (visiting prof. Yale Univ.), 1939: 411 (Pac. Sci. Congr.), 1952: 476 (Linnean gold-medal, K. Fysiogr. Sällsk., Lund), 1954: 63 (Zetterstedt prize), 111: 585. 1958 (Darwin-Wallace medal); El Mercurio de Santiago 13 Nov 1954, p. 19 (honorary member Facultad de Agronomía), 28 Apr 1955, p. 21 (on South American travels; bot. conference), 1 Mai 1955, p. 7 (on S. American travels), 4 Mai 1955, p. 17; El Mercurio de Valparaiso 31 Oct, 1963 (obit.); J.New York Bot. Gard 49: 151. 1948 (return from Hawaii); Nature 165: 837. 1950 (brief biogr. sketch); Nat. Nov. 22: 130. 1920 (prof. title), 23: 520. 1901 (on Swed. & Polar Exp.); Österr. bot. Z. 69: 88. 1920 (app. Göteborg); Rev. Universitaria 12: 1429, 1430. 1927, 50-51(2): 415. 1966; Sv. bot. Tidskr. 9: 482. 1916, 13: 128. 1919, 17: 398. 1923 (Bot. Gard. Göteborg), 25: 145. 1931 (personal prof. Göteborg), 28: 444. 1934 (visiting prof. Yale Univ.), 35: 246. 1941 (member K. Fysiogr. Sälsk. Lund), 40: 109. 1946 (hon. member Sv. Växtgeogr. Sälsk. Uppsala), 41: 313. 1947 (Wahlberg medal), 42: 97. 1948 (Exp. Hawaii), 43: 152. 1949 (medal, city of Göteborg), 46: 517. 1952 (Linnean medal), 48: 807. 1954 (Zetterstedt prize), 52: 556. 1958 (Darwin-Wallace medal), 53: 561. 1959 (honorary dr. Monpellier), 54: 615. 1960 (Al Mérito Bernardo O'Higgins), 55: 653. 1961 (honorary member, The Pacific Sci. Ass.); Taxon 12: 271. 1963 (d.); The New York Times 18 Jun 1963, p. 41; Vem är det?, Sv. biogr. handb., 1949: 922.

Arnell, S., Sv. Bot. Tidskr. 50: 308-312. 1956 (coll. of Hepaticae from Chile); Ark. Bot. ser. 2. 4: 1-21. 1957 (coll. of Hepaticae from Juan Fernandez).

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part	nr.	pages	textfig.	*plates*	map	publ.	issued
1	(1)	[1]-20	3	*1-14*	1 (frontisp.)	1920	22 Sep 1920
2	(2-4)	[21]-192	145			1954	Feb 1954
3	(5)	[193]-438, [439]			1 (folded)	1956	20 Oct 1956

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1	(1-3)	[1]-58	10	*1-5*		1920	1921
2	4-7)	[59]-240	42	*6-20*		1922	1922
3	(8-12)	[241-448	55	*21-27*		1924	1 Apr 1924
4	(13-19)	[449]-550	58	*28-33*		1928	1 Mar 1928
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(*15*): Romell, L., *Basidiomycetes from Juan Fernandez*, collected by C. Skottsberg, p. [465]-471, [472 blank], 3 textfigs. p. 471: printed 31 Jul 1926.

(*16*): Keissler, K., *Ascomyceten, Fungi imperfecti und Uredineen von Juan Fernandez* (contributions by H. Sydow and F. Petrak), p. [473]-486, p. 486: printed 16 Jun 1927 (reprints issued Jun 1927).

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(*22*): Levring, T., *Die Meeresalgen der Juan Fernandez-Inseln* (preface and contributions by C. Skottsberg), p. [601]-670, 30 textfigs., *pl. 49-53*, p. 670: printed 14 Dec 1941 (reprints with title cover issued same date).

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6(*28*): Skottsberg, C., *A supplement to the Pteridophytes and Phanerogams of Juan Fernandez and Easter Island* (nos. 1, 2, 5 and 7), p. [763]-792, *pl. 55-57*, p. 792: printed 2 Nov 1951 (reprints with title cover issued same date). (See also below).

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Publ.: 5 vols., 1932-1940. *Copies*: Almborn, H, LD, U (vol. 5).
1: 1932 (p. [v]: Oct 1932), p. [i]-viii, [ix]-x, [1]-519, [521]-534, [535].
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3: 1936 (p. vi: Jun 1936), p. [i]-vi, [vii]-x, [1]-666, [667]-688, [689]-692. – Additional authors mentioned on t.p.: T. Lagerberg, H.G. Simmons; names left out: Bj. Palm, L. von Post.
4: 1938 (p. [v]: Nov 1938), p. [i]-ix, [1]-667, [668]-690, [691-695]. – Authors on t.p. as vol. 3.
5: 1940 (p. vii: Jun 1940), p. [i]-vii, [viii]-xviii, [1]-697, [698]-699, [700]-733, [734]-735. Name of G. Nilsson-Leissner not on t.p., rest as vol. 3.
Ed. 2: 1953-1956, 11 vols. *Copy*: LD (Univ. Libr.).
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9: 1955,p. [i-vii], [1]-266, [267]-273, [274].
10: 1955, p. [i-viii], [1]-279, [280]-295, [296].
11: 1956, p. [i-ix], [1]-284, [285]-302, [303].
Notes (by O. Almborn): as emphasized by Skottsberg (preface, vol. 1, 1932) the work was first intended as a slightly revised translation of Kerner von Marilaun, *Pflanzenleben*, ed. 3 (TL-2/3599, 3600). When Skottsberg entered as chief editor (1928) most collaborators had been selected and had begun to work after these principles. However, Skottsberg soon found that "many important parts needed quite a new treatment". Therefore, he did not want to quote Kerner in the title.

Vol. 1 (1932) can be regarded as a Swedish version of Kerner, essentially revised not the least as to the illustrations. On the other hand, vols. 2-5,(1934-1940) are an entirely new work. "There is not much reminding of Kerner, except some of the coloured plates" (Skottsberg, preface, vol. 2, 1934). Among these new contributions should be mentioned H. Svensson (*Cytology, Reproduction*), K.V.O. Dahlgren (*Botanical genetics*) and T.G. Halle (*Paleobotany*). These articles are outstanding in many respects and might well have been translated into English. However, some authors (especially Dahlgren) wrote more extensively than was foreseen (Skottsberg, preface, vol. 3,

1936). The result was that the first scope of the work could not be maintained. Skottsberg's own contribution (*Survey of the plant system*) had to be cut down (major part of vol. 5), especially as some parts (e.g. reproduction in cryptogams) had been treated by Svensson.

Nevertheless, Skottsberg's system is largely original though, owing to the foreign language and the time of publication (during the war) it did not reach the attention outside Sweden as it should have deserved. *Växternas liv* had been planned to contain 6 vols., but several reasons, not the least the harsh economic climate caused by the war, led the publisher to conclude it with vol. 5. Vol. 6 would have dealt with *Plant geography* (a chapter which Skottsberg could have written better than anybody else) and *Plant ecology* (incl. Plant sociology). It should be added that some botanists (Ingelström, Nilsson-Leissner, Palm, von Post and Simmons) quoted as collaborators in the title-pages of the first 4 vols. were omitted in vol. 5 as they gave no contributions. Lagerberg is mentioned also in vol. 5 though he is not the author of any article. The work became much appreciated, as well by professional botanists as among the general public. It soon became out of print.

In the beginning of the 1950's a publisher in Malmö bought the copyright from the publisher in Stockholm and reissued *Växternas liv, andra upplagan*, in 11 vols. (1953-1956). Vol. 1 which was advertised at a special low price was reprinted in 1958. Except a brief preface by the new publisher (vol. 1, 1953), new pagination and new years of printing, there are no changes at all in text and illustrations. However, the inactive "collaborators" (cf. above) were omitted from all t.p.'s. Skottsberg protested in vain against the new publisher's quoting him (without asking him) as chief editor of this "2nd edition". He rightly emphasized that several chapters, especially Physiology, Genetics and Paleobotany, were outdated after twenty-five years. However, as he had no copyright, he had no legal possibility of intervening. The "Second edition" was also sold out, in spite of its shortcomings, as it was offered at a fairly low price. Both versions are now very rare and much sought after.

The Malmö publisher's hope (preface, Mar 1953) "that in the reasonably near future, it will be possible to issue supplements, containing recent advances in the field of botany, sold at the same low prices" has never been realized.

Note (by B. Peterson): Preparations for a volume dealing with plant geography and plant sociology were made already at an early stage of the publication of Växternas liv. Obviously this part was planned to be rather comprehensive and several chapters were written. A great deal was already in hand as galley proof and even as page proof. To a large extent S. wrote this chapter by himself but contributions were left also by co-workers.

For several reasons the volume on plant geography was never issued. Parts of the manuscipt and of the proofs have been taken care of. They are now kept at the Department of Ecological Botany, University of Umeå.

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Publ.: 24 Feb 1934, p. [i*-ii*], i-ii, [3]-77, *pl. 1-38*. *Copies*: BR, G, M, MO, NY, U. – Issued and to be cited as B.P. Bishop Museum Bull. 117. 1934.

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Continuation: *Eine kleine Pflanzen-Sammlung von San Ambrosio* (Islas Desventuradas, Chile), Medd. Göteb. bot. Trädg. 17: 49-57. 17 Jun 1947. *Weitere Beiträge zur Flora der Insel San Ambrosio* (Islas Desventuradas, Chile), Ark. Bot. ser. 2.1(12): 453-469. 2 Jan 1951. *Zur Naturgeschichte der Insel San Ambrosio* (Islas Desventuradas, Chile) 2. Blütenpflanzen, Ark. Bot. ser. 2. 4(15): *pl. 1* (col.), p. 465-487, [-490], *pl. 2-22*. 4 Jan 1963.

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Publ.: 1940, p. 137-697, [698]-699, [700]-733, [734]-735, *147 pl.* (black and white), *21 pl.* (col.), 6 portr., 678 textfigs. C. Skottsberg ed., Växternas liv 5,: 137-735. 1940.

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Publ.: 1940 (p. 527: 22 Jul 1940), cover-t.p., p. [451]-527, 528 (add.) *Copy*: Peterson. – Reprinted and to be cited from Medd. Göteb. bot. Trädg. 13: [451]-528. 1940.

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Skovsted, Aage Thorsen (1903-1983), Danish botanist; Dr. phil. 1937; assistant at the Danish College of Agriculture 1927-1930; cytogeneticist at the Empire Cotton Growing Corporation's Research Station, Trinidad 1930-1936; at the physiological department of the Carlsberg laboratories in Copenhagen 1936-1956; from 1956 teacher in genetics (from 1959 in botany) at the State Teacher's College; head of the Botanical Museum, Copenhagen 1960-1973. (*Skovst.*).

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Skuja, Heinrich Leonhards (1892-1972), Latvian botanist (algologist); studied at the University of Riga 1923-1929; Mag. rer. nat. ib. 1929; Dr. rer. nat. 1943; lecturer in biology at a high school in Riga 1920-1923; "demonstrator" at the Riga Institute of Plant Systematics 1929-1932; lecturer cryptogamy ib. 1933-1940; assistant professor 1940, full professor of general botany ib. 1943; to Uppsala 1944; associate professor of botany ib. 1947-1961; Dr. h.c. Uppsala 1958; Björkén Prize 1962. (*Skuja*).

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3: 24 Dec 1927, Acta 2(1): [51]-116, *pl. 1-2.* 1927.
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Publ.: 1931 (p. iv: Mai 1931; US rd 17 Nov 1931), cover-t.p., p. [1]-20. *pl. 1. Copies*: H, US. – Reprinted from Arb. naturf. Ver. Riga ser. 2. 19(2). 1931.

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1: 10 Jan 1934 (date on cover reprint), cover-t.p., p.[25]-86. *Copy*: H. – Reprinted and to be cited from Act. Hort. bot. Univ. Latv. 7: 25-86. 1932 (1934).
2: ib. 11/12: [41]-169, *pl. 1-11.* 1939.
Vorarbeiten:1-4 in id. 1-3 1926-1928.

12.095. *Die phylogenetischen Entwicklungsrichtungen bei den Protisten* ... Riga 1938. Oct.
Publ.: Jan 1938, cover-t.p., p. [1]-26. *Copies*: H, US. – Reprinted and to be cited from Act. biol. latv. 8: 1-26. 1938.

Skupieński, Frantiszek [François-Xavier] (1888-x), Polish botanist; Dr. phil. Univ. Paris 1920; with the Department of general botany of the Warsaw Polytechnic. (*Skupieński*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 286 (b. 21 Nov 1888); BM 8: 1201; Hirsch p. 277; Kelly p. 214; LS suppl. 25691-25703.

BIOFILE: Szymkiewicz, D., Bibl. Fl. Polsk. 21. 1925.
Verdoorn, F., ed., Chron. bot. 1: 31. 1935, 3: 223. 1937, 4: 273. 1938.

12.096. Faculté des Sciences de Paris Thèses [série A no 843. no d'ordre 1642] présentées à la Faculté des Sciences de l'Université de Paris pour obtenir le grade de docteur ès sciences naturelles par M. François-Xavier Skupieński ... 1re Thèse *Recherches sur le cycle évolutif de certains Myxomycètes* , ... soutenues le [] juin 1920 ... Paris (Imprimerie M. Flinikowski ...) 1921. Oct. (*Rech. cycle évol. Myxomyc.*).
Thesis issue: Jun 1920, p. [1]-81, *pl. 1-2* with text. *Copy*: FH.
Commercial issue: Jun 1920, p. [3]-81, [1, 3, 5]. *pl. 1-2. Copies*: BR, G. – "*Recherches ... myxomycètes* par ..." Paris (id.). 1920. Oct.
Further notice: Bull. Soc. mycol. France 27: 44-53. 1921.

Skutch, Alexander Frank (1904-x), American botanist; BA Johns Hopkins 1925, Dr. phil. 1928; assistant botanist ib. 1925-1928; Johnston scholar 1928-1930; Natl. Res. Counc. fellow 1930-1931; collected in Guatemala, Costa Rica and Ecuador. (*Skutch*).

HERBARIUM and TYPES: A; further material AMES, BR, DS, F, GH, K, MICH, MO, NY, PH, S, U, US. *Field notes* at NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Hirsch p. 277; SIA 105, 223, 1010014.

BIOFILE: Acosta-Solis, M., Natural. Viaj. ci. Ecuador 66. 1968.
Anon., Amer. men sci. eds. 5-9. 1933-1955; Johns Hopkins Univ. Circ. 44: 710, 807. 1925.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 340.34. 1980.
Skutch, A.F., A naturalist in Costa Rica 1971, x, 363 p. (bibl.); Naturalist on a tropical farm, 1980, ix, 397 p.
Verdoorn, F., ed., Chron. bot. 3: 279, 293, 300, 310. 1937, 4: 76, 278, 566. 1938, 5: 308, 516. 1939, 6: 40, 172, 325. 1941, 7: 118. 1943.

EPONYMY: *Skutchia* Pax et K. Hoffmann (1937).

Skvortzov [Skvortzow], **Boris Vasilievich** (1890-1980), Polish-born botanist of Russian descent who was educated in Harbin (Manchuria); Dr. phil. St. Petersburg as a student of K.Y. Gobi and V.L. Komarov 1917; school teacher in Harbin, Manchuria, N.E. China 1902; scientific secretary of the Manchuria Research Society 1922-1928; research fellow at the Institute of Forestry of the Academia Sinica 1950; professor at the Academy of Forestry Harbin 1958; to Brazil as research associate at the Botanical Institute of São Paulo 1963. (*Skvortzov*). (Father of Tatiana Sendulsky)

HERBARIUM and TYPES: Forest Academy Harbin; some material at A, BR, GH, S (diat.) and SP.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 286; Biol.-Dokum. 17: 8723; BM 8: 1201; Bossert p. 371; Hirsch p. 277; LS suppl. 25704-25705; MW p. 455-458 (bibl., suppl. p. 324-325 (bibl.); Tucker 3: 283. 1933.

BIOFILE: Anon., Taxon 30: 561. 1981 (obit. notice).
Asmous, V.C., Chron. bot. 11(2): 109-110. 1947 (bot. bibl. Manchuria).
Chung, H.H., Lingnan Sci. J. 7: 125. 1929 (coll. Foochow).
Fryxell, G.A., Beih. Nova Hedw. 35: 363. 1975 (diat. coll. S-PA, SP).
Prescott, G.W., Bibl. Desmid. univ. 469-471. 1984.
Skvortzov, B.V., Quart. J. Taiwan Mus. 27: 389-417. 1974 (notes and papers printed from 1917-1970; main bibl.).
Stieber, M.T. et al., Huntia 4(1): 87. 1981 (corr. HU).
VanLandingham, S.L., Cat. diat. 4: 2371-2373. 1971, 6: 3593. 1978, 7: 4228-4230. 1978 (bibl. Diat.).
Verdoorn, F., ed., Chron. bot. 6: 464. 1941.

EPONYMY: *Skvortzoviella* P. Bourelly (1970); *Skvortzoviothrix* P. Bourelly (1972).

NOTE: Skvortzov was a prolific author to whose contributions especially on the flora of Manchuria and on diatoms we cannot do justice in this entry. For bibliographies see Skvortzov (1974), MW, MW suppl. and VanLandingham (1971-1978).

12.097. *Die Euglenaceengattung Trachelomonas* Ehrenberg. Eine systematische Übersicht ... Harbin, China 1925. Oct. (*Trachelomonas*).
Publ.: 1925 (p. 1: Aug 1925), p. [i-ii], 1-101, *pl. 1-8* uncol. *Copy*: PH. – Issued as [Arb.] Biol. Sungari Sta. Harbin 1(2). 1925.

12.098. *A contribution to the algae, Primorsk District* of Far East, USSR Diatoms of Hanka Lake ... Vladivostok 1929. Oct. (*Contr. alg. Primorsk*).
Publ.: 1929 (USDA copy received 16 Oct 1928, sic), p. [i-ii], [1]-66, *pl. 1-8*, [9], uncol. *Copies*: NSUB, USDA. – Issued as Mem. S. Ussuri Branch Russian Geogr. Soc. 1929(3).
Prelim. publ.: Bull. S. Ussuri Branch Russ. Geogr. Soc. 13: 227-232. 1926.

Slater, Matthew B. (c. 1829-1918), British bryologist at Malton; friend of Richard Spruce. (*Slater*).

HERBARIUM and TYPES: Some material at KGY. – *Letters* to F.F.G. Renauld at PC; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 286; BB p. 278; Desmond p. 563; Lenley p. 370; LS 24936.

BIOFILE: Baker, J.G., J. Bot. 56: 191. 1918 (obit. not.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 309.14. 1980.
Hartley, M.M., Naturalist 102: 27. 1977 (36 bryoph. KGY).
Lamy, D., Occ. Pap. Farlow Herb. 16: 126. 1981 (letter to Renauld).
Shaw, G.A., Naturalist 924: 4. 1973.
Sheppard, T., Naturalist 560: 361-362. 1903, 734: 108-109. 1918 (obit. portr.).

12.099. *An account of the mosses and hepatics of the North Riding of Yorkshire* ... Hull (A. Brown & Sons, Ltd., ...) 1906. Oct.
Publ.: 1906, p. [i]-xiv, [1, err.], 401-671. *Copy*: FH. – Reprinted and to be cited from John Gilbert Baker, *North Yorkshire*, ed. 2, p. 401-671. 1906 (as part 33 of the Trans. Yorks. Natural. Union, 1906). – Mosses and hepatics actually on p. 417-645.

Sledge, William Arthur (1904-x), British botanist at the Department of Botany, the University, Leeds until 1968; travelled in New Zealand 1929. (*Sledge*).

HERBARIUM and TYPES: BM, K; further material at CMM, E, NMW. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 279, 717; Bossert p. 371; Clokie p. 245; IF suppl. 4: 339; IH 1 (ed. 3): 87, (ed. 4): 95, (ed. 5): 98, (ed. 6): 144, (ed. 7): 147; MW suppl. 325; Roon p. 105; TL-2/4296.

BIOFILE: Holman, J.H. & C. Jermy, Int. direct. pteridol. 1973, no. 306.
Kent, D.H., Brit. herb. 78. 1957 (coll.).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 244. 1984 (Brit. coll.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 675. 1985.
Seaward, M.R.D., Naturalist 936: 1-2. 1976 (tribute, portr.).
Sledge, W.A., Personal communication to senior author 1957.
Thomson, A.D., New Zealand J. Bot. 17: 389, 403. 1979 (letter Cockayne to Sledge).
Verdoorn, F., ed., Chron. bot. 4: 533. 1938, 6: 305. 1941.

COMPOSITE WORKS: Editor, The Naturalist 1943-1975.

Sleumer, Hermann Otto (1906-x), German, from 1962 naturalized Dutch botanist; studied pharmacy at Tübingen 1927-1928 and München 1928/29; state examination pharmacy München 1929; studied botany at Freiburg i.Br. 1929-1932, Dr. phil. ib. 1932; with the "Badisches Weinbau-Institut" Freiburg i.Br. 1932-1933; with the Botanical Museum Berlin-Dahlem 1933-1949; habil. Berlin 1937; with the Instituto Miguel Lillo, Tucuman 1949-1953; at Leiden from 1953 onward; 1953-1956 scientific officer Flora malesiana, from 1956-1971 senior curator Rijksherbarium, 1972 honorary collaborator. (*Sleum.*).

HERBARIUM and TYPES: Original collections and types partly at B (partly destr.; Argentine mat. extant), LIL and L; other material e.g. at BR, C, E, ERZ, H, M, S, US. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 12(3): 168; BFM 618, 619; Biol. Dokum. 17: 8725-8726; BJI 2: 167; Bossert p. 371; GR p. 139; Hortus 3: 1204; IH 1 (ed. 1): 10, 96, (ed. 2): 70, (ed. 3): 88, (ed. 4): 95, (ed. 5): 99, (ed. 6): 145, (ed. 7): 148; Langman p. 702; Lenley p. 370; MW p. 458, suppl. 325; NI 3: 93; Roon p. 105; SK 4: cxxviii (portr.), 8: xc-xci (portr.).; TL-2/1711; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Anon., *in* H.O. Sleumer, Flora neotropica 22, Flacourtiaceae 1980, p. [iv] (curr. vit., portr.); Österr. bot. Z. 83: 79. 1934 (app. Berlin).
Hunziker, A.T., Kurtziana 12/13: 177-178. 1979 (portr.).
Jakobs, M.J., Fl. males. Bull. 27: 2152. 1974 (work on non-Malesian Flacourtiaceae), 29: 2541. 1976 (70th birthday), 31: 2979. 1978 (finishes Flac. Fl. neotrop.), 34: 3547. 1981.
Kalkman, C. & P. Smit, eds., Blumea 25(1): 19, 69, 104. 1979.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 675. 1985.
Merrill, E.D., Contr. natl. Herb. US. 30(1): 282-283. 1947.
Pilger, R., Mitt. Bot. Gart. Mus. Berl.-Dahl. 1(1): 16. 1953 (active service as pharmacist in German army 1941-1945).
Schwarz, H.D., Deut. Apoth. Zeit. 121(8): 425-426. 1981 (biogr.).
Steenis, C.G.G.S. van, Fl. males. 4: 84. 1948 (app. Tucuman), 11: 405. 1955 (staff appointment Fl. males. L), 13: 552. 1957 (on staff Rijksherbarium), 17: 879. 1962 (returned from New Guinea), 18: 978. 1963 (Dutch citizen 1962; to S.E. Asia), 25: 1884. 1971 (retirement), 26: 1997. 1972 (id.), 26: 2000. 1972 (hon. collab. L); Blumea 19(2): 199-210. 1971 (biogr., portr., bibl.).
Verdoorn, F., ed., Chron. bot. 1: 140. 1935, 2: 35, 132, 142, 237. 1936, 3:121, 145, 209. 1937, 5: 170, 173. 1939, 6: 305. 1941.
Zepernick, B. & F.K. Timler, Englera 1: 105. 1979.

COMPOSITE WORKS: (1) *in* EP, *Nat. Pflanzenfam.*, *Olacaceae* 16b: 5-32, 339. 1935, *Opiliaceae* 16b: 33-41, 339. 1935.
(2) *in* A.A. Pulle, *Fl. Suriname*, *Flacourtiaceae* 3(1): 282-303. Jun 1935 (with H. Uittien).
(3) *Die Pflanzenwelt des Kaiserstuhls*, *in* R. Lais et al., *Der Kaiserstuhl* eine Naturgeschichte des Vulkangebirges am Oberrhein, Freiburg im Breisgau 1933, p. 158-267 [complete volume: frontisp., p. [i]-xii, [1]-272. 1933]. – Continuation and revision see below.
(4) *Flacourtiaceae*, Flora neotropica, Monogr. 22, New York 1980. 499 p.
(5) *Proteaceae*, *Ericaceae*, *Flacourtiaceae* (Asiat.), *in* E.R. Farr et al. *Index nominum genericorum*, 1979 (205 texts).

NOTE: For a full bibliography of this extremely productive taxonomist, including also his many contributions to "composite works" (e.g. *Flora malesiana*), studies on Ericaceae and Flacourtiaceae, etc., between 1932 and 1972 see van Steenis (1971).

EPONYMY: *Sleumerodendron* R. Virot (1968).

12.100. *Ericaceae americanae novae vel minus cognitae* ... aus "Notizblatt des Bot. Gart. u. Mus. Berlin-Dahlem" ... 1934-1936.
Publ.: a series of three papers published in *Notizbl. Berlin-Dahlem* 1934-1936; reprinted with original pagination. *Copies*: B.
1: 31 Dec 1934, Notizbl. 12: 119-150.
2: 31 Mar 1935, Notizbl. 12: 277-294.
3: 15 Jul 1936, Notizbl. 13: 206-214.

12.101. *Die Pflanzenwelt des Kaiserstuhls* ... Dahlem bei Berlin (Selbstverlag des Herausgebers ...) 1934. Oct. (*Pflanzenw. Kaiserstuhls*).
Publ.: 1935, p. [1]-170. *Copy*: U. – Issued as Beih. Repert. Sp. nov. (ed. F. Fedde) no. 77. – Chapters 1-4 appeared previously in R. Lais et al., *Der Kaiserstuhl* 1933, see above under Composite works.

12.102. *Monographie der Gattung Hydnocarpus* Gaertner nebst Beschreibung und Anatomie der Früchte und Samen ihrer pharmakognostisch wichtigen Arten (Chaulmugra) ... Sonder-Abdruck aus Botanische Jahrbücher Band 69, Heft 1, 1938. Oct.
Publ.: 8 Jul 1938 (in journal), p. [1]-94, *pl. 1-4*. *Copies*: G, US. – Reprinted and to be cited from Bot. Jahrb. 69(1): 1-94, *pl. 1-4*. 1938. – "Habilitations-Schrift" Univ. Berlin.

Sloane, Boyd Lincoln (1885- ?), South African botanist. (*B. Sloane*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 287; Hortus 3: 1204; NI 3: 68; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Verdoorn, F., ed., Chron. bot. 7: 437. 1943.

COMPOSITE WORKS: (1) With Alain White (q.v.). *The Stapelieae* 1933, ed. 2. 1937. (2) With Alain White (q.v.). *The succulent Euphorbieae of South Africa.* 1941.

EPONYMY: *Whitesloanea* Chiovenda (1937, also honors Alain White).

Sloane, Sir **Hans** (1660-1753), British physician and naturalist; studied in London, Paris, Montpellier; Dr. phys. Orange 1683; Fellow Royal College of Physicians 1687; accompanied Christopher Monck to Jamaica as physician 1687-1689; maintained a medical "praxis aurea" in London; physician to Queen Anne 1712; knighted 1716, president Royal College of Physicians 1719; president of the Royal Society 1727-1740; brought together a rich library and herbarium which became the nucleus of the British Museum. (*Sloane*).

HERBARIUM and TYPES: BM, kept separately. The Sloane herbarium, other collections, and manuscripts were purchased by the English government and placed at Montague House in 1754 (afterwards the British Museum). See Dandy (1958), Urban (1902). Some further material in C, LE. – *Letters*, manuscripts and library at BM (Bloomsbury). – For index to manuscripts see E.J.C. Scott (1904).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 287 (b. 16 Apr 1660, d. 11 Jan 1752); BB p. 278; Blunt p. 136, 145; BM 4: 1939-1940, 8: 1201-1202; Bossert p. 371; Bret. p. 32; Clokie p. 245; Desmond p. 563-564; De Toni 1: cxvi; DNB 52(18): 379-380; Dryander 3: 129, 183, 241, 366, 501, 502, 506, 545; DSB 12: 456-459 (G. de Beer); GF p. 76; GR p. 755; Henrey 2: 740 (index); Herder p. 60, 226; Jackson p. 370; Lasègue p. 11, 487, 584 [index]; LS 24937-24938; ME 3: 336; NI 1854, 2: 314, 3: 62; Plesch p. 408-409; PR 8722-8723, ed.1 : 7931, 9701-9702; Quenstedt p. 401; Rehder 5: 803; SO 2492-2493; Sotheby 704; TL-1/747, 1231-1232 and see indexes; TL-2/2687, 2801, 4806, and see indexes; Tucker 1: 654.

BIOFILE: Allen, D.E., The naturalist in Britain 290 [index]. 1976.
Anon., Brit. Mus. gen. cat. print. books 223: 195-196. 1964; Hist. Acad. r. Soc., Paris 1753: 305-320. 1757 (éloge); J. Inst. Jamaica 1: 223. 1893 (on portr.); Nature 171: 64-65. 1953.
Barnhart J.H., J. New York Bot. Gard. 30: 155-156. 1929 (biogr. not.).
Beer, G.R. de, Not. Rec. Roy. Soc. London 10: 81-84. 1953; Sir Hans Sloane and the British Museum, 1953, 192 p. (biogr. portr.).
Beer, G.R. de et al., Brit. Mus. Quart. 18(1): 1-26. 1953 (on Sloane's various coll. at BM-Bloomsbury).
Berkeley, E. & D.S., Dr. Alexander Garden 66, 90, 328. 1963; John Clayton 235 [index]. 1963; Dr. John Mitchell 282 [index]. 1974.
Blunt, W., The compleat naturalist 96, 104, 111-113. 1971 (on L. and Sloane).
Braunholtz, H.J. Sir Hans Sloane and ethnography, London 1970, 47 p. (bibl., portr., facs.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 437 [index]. 1980 (on mss.).
Britten, J., J. Bot. 43: 121-122. 1905 (herb.).
Brooks, E., St. John, Hermathena 81: 3-13. 1953.
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Carruthers, E.N., Irish natural. J. 13: 197-200. 1961 (memorial stone).
Chance, R., Ann. med. Hist. ser. 2. 10: 390-404. 1938.
Church, A.H., The Sherard letters 4. s.d. (letters 454-457 at Roy. Soc.).
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with biographical accounts of the principal contributors (main inventory and description of BM-Sl., based on records assembled by J. Britten).
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Drewitt, F.D., Apothec. Garden 105 [index]. 1921 (Sloane presented the Chelsea garden to the Apothecaries).
Earnest, E., John and William Bartram 20, 22, 41, 73-74. 1940.
Edwards, P.I., Proc. bot. Soc. Brit. Isl. 4: 136-151. 1961 (on Britsh coll. in Sloane herbaria); J. S. Afr. Bot. 34: 243-253. 1968 (on Sloane mss. 5286 with ills. of Cape pl.); *in* A. Wheeler & J.H. Price, eds., History in the service of systematics 27-35. 1981 (Sl. and his curious friends).
Egerton, F.N., Not. Rec. Roy. Soc. 25: 59-77. 1970 (Sl. and R., Bradley).
Ewan, J., *in* P. Smit and R.J.C.V. ter Laage, Essays in biohistory 23, 24, 26-29, 31, 32, 34, 35, 38, 40, 50, 51. 1971 (Regn. veg. 71; plant collectors in America).
Ewan, J. et al., Short hist. bot. U.S. 27, 30, 31, 32, 33, 48, 89. 1969.
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Fries, T.M., Bref Skrifv. Linné 1(4): 6, 197. 1910, 1(5): 259. 1911.
Gunn, M. & L.E. Codd, Bot. expl. S. Afr. 50-53. 1981 (biogr. sketch, portr., S. Afr. coll. acquired by Sloane).
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J.D., *in* W. Swainson, Taxidermy 326-329. 1840.
Karsten, M.C., The old Company's garden at the Cape 71, 77, 78, 82, 83, 98, 99. 1951 (S. Afr. coll.).
Kent, D.H., Brit. herb. 78. 1957 (coll.).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 245. 1984 (Brit. coll.).
Lawrence, G.H.M., Huntia 1: 164. 1964 (Sloane letters at HU).
Lowden, R.M., Taxon, Indx pers. names vols. 1-30. 676. 1985.
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Sloan, W.R., Sir Hans Sloane Founder of the British Museum. Legend and Lineage. 1981, xii, 134, xliv p., charts.
Smith, E., Life Joseph Banks 13, 66, 98. 1911 (coll.).
Stafleu, F.A., Linnaeus and the Linnaeans 383 [index]. 1971 (on Sl. and Linnaeus); *in* N.J. Jacquin, Sel. stirp. amer. hist., facs. ed. 1971, p. F22.
Stearn, W.T., J. Arnold. Arb. 46: 270-271. 1965 (biogr. not.); Nat. Hist. Mus. S. Kensington 411 [index]. 1981.
St. John Brooks, W.E., Sir Hans Sloane. The great collector and his circle, London 1954.
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Tjaden, H., J. Soc. Bibl. nat. Hist. 8(1): 74-77. 1976 (further inf. on relation with J.G. Scheuchzer).
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Verdoorn, F., ed., Chron. bot. 3: 8, 56, 166, 335. 1937, 4: 402. 1938, 5: 26. 1939.
Wittrock, V.B., Act. Horti Berg. 3(2): 97-98. 1903, 3(3): 82. 1905 (on portr.).
Woodward, B.B., Hist. coll. BM(NH) 1: 48. 1904 (mss. catalogues nat. hist. coll. Sloane at BM(NH)).

EPONYMY: *Sloanea* Linnaeus (1753); *Sloaneaecarpum* K. Rasky (1962); *Sloaneopsis* O. Kuntze (1903).

12.103. *Catalogus plantarum quae in insula Jamaica sponte proveniunt*, vel vulgò coluntur, cum earundem synonymis & locis natalibus; adjectis aliis quibusdam quae in insulis Maderae, Barbados, Nieves & Sancti Christophori nascuntur. Seu prodromi historiae naturalis Jamaicae pars prima. Autore Hans Sloane, ... Londini (impensis D. Brown, ...) 1696. Oct. (in fours). †. (*Cat. pl. Jamaica*).
Publ.: 1696, p. [i*], [i-vii], 1-232, [index 43 p., sign. Gg1-Mm2]. *Copies*: B-S, MO, NY, U, USDA; IDC 5327. – Referred to by Linnaeus as *Sloane flor.* "since "Catalogue, seems to me an unworthy name for a Flora, which demands more labour than a mere catalogue" (Linnaeus, Crit. Bot. no. 322, transl. Hort.). – See Hitchcock (1908), and Urban (1898) for further notes.
Later editions: *in* J. Ray, Syn. meth. stirp. britt. ed. 2 (1696) and ed. 3 (1724) q.v.

12.104. *A voyage to the Islands Madera, Barbados, Nieves, S. Christophers and Jamaica*, with the natural history of the herbs and trees, four-footed beasts, fishes, birds, insects, reptiles, &c. of the last of those islands; to which is prefix'd an introduction, wherein is an account of the inhabitants, air, waters, diseases, trade, &c. of that place, with some relations concerning the neighbouring continent, and islands of America. Illustrated with the figures of the things describ'd, which have not been heretofore engraved; in large copper-plates as big as the life. By Hans Sloane, M.D. ... In two volumes, London (printed by B.M. for the author) 1707-1725. Fol. (*Voy. Jamaica*).
1: 1707, p. [i*-xvi*], i-cliv, 1-264, [265, err.], *pl. 1-4, 1-156.*
2: 1725, p. [i*-iii*], i-xviii, 1-499 [467/468 missing], *pl. 5-11, 157-274.*
Copies: FH, G, HU, MO, PH, USDA; IDC 5328. – For an extensive collation and many further notes see HU 417; further studies Urban (1898), Hitchcock (1908), Dandy (1958, p. 27, 204-206). – The plates are copper engr. by Savage; almost all plates of vol. 1 are botanical, of vol. 2 pl. 157-232. – For Madera plants see e.g. Harcourt.

Sloboda, Daniel (1809-1888), Slovak botanist and clergyman, priest at Rottalovitz (Moravia), floristically active in Moravia. (*Sloboda*).

HERBARIUM and TYPES: BRNM.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1940; Futak-Domin p. 546; Klásterský p. 173-174 (detailed refs., b. 20 Dec 1809 in Skalica, Slovakia; d. 10 Nov 1888); Maiwald p. 149; PR 8724; Rehder 1: 269.

BIOFILE: Anon., Österr. bot. Z. 33: 309. 1883 (golden "Verdienstkreuz"); Preslia 51: 184. 1979 (b. 20 Dec 1809, d. 10 Nov 1888, biogr. not.).
Elvert, Ch. d', Gesch. Pflege Naturw. Mähren 213, 276. 1868.
Holub, J., Preslia 46: 167-171. 1974 (neglected plant names in "Rostlinictvi").
Iltis, H., Verh. naturf. Ver. Brünn 50: 311. 1912 (Moravian floristic bot.).
Oborny, A., Verh. naturf. Ver. Brünn 21(2): 18-19, 25. 1882.
Pluskal, F.S., Verh. zool.-bot. Ges. Wien 6(Abh.): 369. 1856 (Rostlinictvi gives new locations plants in Moravian Carpathics).
Podpěra, J., Práce moravsk. Akad. Přír. 19(7): 8. 1948.

12.105. *Rostlinnictví* čili návod k snadnéma určení a pojmenování rostlin v čechách, Moravě a jiných zemích rakouského mocnářství domácích ... v. Praze [Praha] (v kommissí u Fr. Řivnáče) 1852. Duod. (*Rostlinnictví*).

Publ.: 1852, p. [ii]-xlviii, [1]-733, [734-735, err.]. *Copies*: B-S, NY. – "Botany, or a guide to the knowledge of the native and introduced plants of Bohemia, Moravia and the neighbouring countries". – Malá encyklopedie nauk, vol. 8, 1852. – For neglected plant names in this work see J. Holub (1974).

Sloff, Jan G. (1892-1979), Dutch botanist and high school teacher at Bergen op Zoom; co-founder and moving force behind the Institute for Vegetation Research of the Netherlands (IVON), mainly dedicated to the mapping of the distribution of phanerogams in the Netherlands. (*Sloff*).

HERBARIUM and TYPES: L.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 422, 425, 427, 431, 432, 438, 439.

BIOFILE: Verdoorn, F., ed., Chron bot. 1: 30, 214. 1935, 2: 30. 1936, 3: 207. 1937, 6: 306. 1941.
Mennema, J. & F. Adema, Gorteria 9(9): 299-300. 1979.

12.106. *Het fluviatiele district in Nederland en zijn flora* ... Overgedrukt uit het Nederlandsch kruidkundig Archief ... Nederlandsche Botanische Vereeniging [1938-1939]. 2 parts. Oct.
Co-author: J.L. van Soest.
1: 1938, cover-t.p., p. [199]-265. – Reprinted and to be cited from Ned. kruidk. Arch. 48: [199]-265. 1938.
2: 1939, cover-t.p., p. [268]-316. 1939. – Id. 39: [268]-316. 1939.
Copies: FAS, U.

Slooten, Dirk Fok van (1891-1953), Dutch botanist; Dr. phil. 1919 Univ. Utrecht (student of A.A. Pulle), assistant at the Department of systematic botany of the University of Utrecht 1914-1918; botanist at the Herbarium and Museum of the botanic Garden Buitenzorg (Bogor, Indonesia) 1919-1931; keeper of the herbarium ib. 1931-1943 and 1946-1949; director of the Royal Botanical Garden of Indonesia 1949-1950; from 1950-1951 advisor ib., in retirement in Amsterdam 1952-1953. (*Slooten*).

HERBARIUM and TYPES: BO, K, L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 536; Barnhart 3: 287; Biol.-Dokum. 17: 8727; BJI 2: 166; BL 1: 113, 318; Hirsch p. 278; IH 2: (files); JW 2: 201; Lenley p. 370; MW p. 458; SK 1: cxxii, 487-488, 4: cxxxv, cxli, cxliii, clv, 5: cccxxii; TL-2/223, see A.A. Pulle; Tucker 3: 284.

BIOFILE: Jacobs, M., Herman Johannes Lam, Amsterdam 1984, p. 17, 30, 34, 178.
Kalkman, C. & P. Smit, eds., Blumea 25(1): 66, 69. 1979.
Lam, H.J., Blumea 7(2): 473-474. 1953 (obit.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 676. 1985.
Merrill, E.D., Enum. Philipp. pl. 4: 228. 1926.
Pulle, A.A., Taxon, 2: 85-86. 1953 (obit., b. 17 Mar 1891, d. 7 Mar 1953).
Steenis, C.G.G.J. van, Fl. males. Bull. 5: 125. 1949 (acting director Bogor garden), 6: 159. 1950 (director as of Dec 1949), 8: 257-258. 1951 (returns to Holland); De tropische Natuur 33: 75. 1953 [1 p.] (obit.); Reinwardtia 2: 367-372. 1954 (obit., bibl., b. 17 Mar 1891, d. 7 Mar 1953).
Verdoorn, F., ed., Chron. bot. 1: 223, 224. 1935, 2: 34, 240, 241, 244, 245, 373. 1936, 3: 27, 209, 211. 1937, 4: 395. 1938, 5: 366, 438. 1939, 6: 306. 1941.

COMPOSITE WORKS: (1) With C.A. Backer, *Geill. handb. Jav. theeonkr.* 1924, see TL-2/223. (2) Chief-editor, *De tropische Natuur* 1929-1934.

HANDWRITING: Fl. males. ser. 1. 1: clii. 1950.

MEMORIAL VOLUME: Reinwardtia 2, 1952-1954.

12.107. *Bijdrage tot de kennis der Combretaceeën en Flacourtiaceeën van Nederlandsch-Indië.* Proefschrift ter verkrijging van den graad van doctor in de plant- en dierkunde aan de Rijksuniversiteit te Utrecht, ... volgens besluit van den Senaat der Universiteit tegen de bedenkingen van de Faculteit de wis- en natuurkunde te verdedigen op Maandag 24 Februari 1919, ... Utrecht (A. Oosthoek) 1919. Oct. (*Bijdr. Combret. Flacourt. Ned.-Ind.*).
Publ.: 24 Feb 1919, p. [i-viii], [1]-170, [171-173], *pl. 1-2* with text (B.J. van Tongeren del.), [1-3, theses, loose]. *Copies*: BR, FAS, HH, NY, PH, U.

12.108. "'s Lands Plantentuin" ... Extrait du Bulletin du Jardin botanique de Buitenzorg ... 1924. Dr. D.F. van Slooten. *The Combretaceae of the Dutch East Indies.* Archipel Drukkerij Buitenzorg [1924]. Oct.
Publ.: Jan 1924 (in journal), cover-t.p., p. [1]-54. *Copy*: U. – Reprinted and to be cited from Bull. Jard. bot. Buitenzorg ser. 3. 6(1): 11-64. Jan 1924.

12.109. *The Flacourtiaceae of the Dutch East Indies* ... Batavia [h.t. Djakarta] (Landsdrukkerij) 1925. Oct.
Publ.: Jun 1925, cover-t.p., p.[291]-421. *Copy*: U. – Reprinted and to be cited from Bull. Jard. Buitenzorg ser. 3. 7(3): 291-421. 1925.

12.110. *The Dipterocarpaceae of the Dutch East Indies* ... Extrait du Bulletin du Jardin botanique de Buitenzorg, ... 1923-1932, 6 parts. Oct.
Publ.: A series of papers published in Bull. Jard. bot. Buitenzorg, reprinted with special covers and original pagination. *Copies*: FAS, U.
1: Dec 1926, cover-t.p., [1]-17. – Reprinted and to be cited from Bull. ser. 3. 8(1): [1]-17. Dec 1926.
2: Feb 1927, cover-t.p., p. [263]-352. – Id. ser. 3. 8(2-3): 263-352.
3: Jun 1927, cover-t.p., p. [369]-380. – Id. ser. 3. 8(4): [369]-380. Jun 1927.
4: Nov 1927, cover-t.p., p. [67]-137. – Id. ser. 3. 9(1-2): [67]-137. Nov 1927.
5: Nov 1929, cover-t.p., p. [393]-406. – Id. ser. 3. 10(3): [393]-406. Nov 1929.
6: Jan 1932, cover-t.p., p. [1]-45. – Id. ser. 3. 12(1): [1]-45. Jan 1932.
See also his *Sertulum Dipterocarpacearum malayensium* 1-6, *in* Bull. Jard. bot. Buitenzorg ser. 3. 16: 430-454. 1940, 17: 96-138. 1941, 17: 220-255. 1942, 18: 229-269. 1949, Reinwardtia 2: 1-68. 1952, 3(3): 325-346. 1956.

12.111. *Die Verbreitung von Lumnitzera* und einigen anderen Mangrovegewächsen ... Leiden (N.V. Boek- en Steendrukkerij Eduard IJdo 1937. Oct.
Publ.: 29 Jun 1937, cover-t.p., p.[161]-175. *Copies*: FAS. – Reprinted and to be cited from Blumea suppl. 1: [161]-175. 1937.

Slosson, Margaret (1872-?), American botanist; assistant at The New York Botanical Garden 1911. (*Sloss.*).

HERBARIUM and TYPES: Some material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 287; BM 4: 1940; Hortus 3: 1204; IF p. 730, suppl. 1: 85, 2: 39; Lenley p. 370; Zander ed. 10, p. 717, ed. 11, p. 818.

BIOFILE: Barnhart, J.H., J. New York Bot. Gard. 12: 142. 1911.

12.112. *How ferns grow* ... New York (Henry Holt and Company) 1906. Oct. (*Ferns*).
Publ.: 1906 (J. Bot. Sep 1906), p. [i*], frontisp., [i]-iv, [v, vii], [1]-156, *pl. 1-45* (uncol.). *Copies*: MO, NY, USDA.
Ref.: A.G., J. Bot. 44: 325-326. Sep 1906.

Small, James (1889-1955), British botanist; B.Sc. London 1913; M.Sc. ib. 1916; lecturer at Armstrong College; on active service 1914-1916; lecturer in botany, Bedford College, London 1916-1920; Dr. sci. London Univ. 1919; professor of botany Queen's Univ., Belfast 1920-1954. (*Js. Small*).

HERBARIUM and TYPES: BEL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 287; BM 8: 1202; Desmond p. 564 (d. 28 Nov 1955); Hirsch p. 278; Langman p. 703; PH see index, p. 529; SIA 220-227.

BIOFILE: Anon., Nature 173: 150. 1954 (retirement, biogr. not.); Pharmac. J. 1955: 505. (obit. not.); Who's who (London) 1921-1956; Who was who 5: 1010. 1951-1960.
Colhoun, J., Irish Natural. J. 12(3): 49-50. 1956 (obit.).
Fussell, G.E., More old English farming books 98, 99. 1948.
Hackney, J., Irish natural. J. 17(7): 230. 1972 (coll. at Ulster Mus., rd 1968).
Heslop Harrison, J., Nature 177: 258-259. 1956 (obit.); Year Book Roy. Soc. Edinburgh 1957, 48-50 (obit.).
Kent, D.H., Brit. herb. 78. 1957 (coll. BFT from 1968 at BEL).
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Kertland, M.P.H., Proc. Bot. Soc. Brit. Isl. 2(2): 192-193. 1956 (obit.).
Poggendorff, J.C., Biogr. lit. Handw.-Buch 6(4): 2471-2472. 1940 (b. 20 Sep 1889, bibl.).
Praeger, R.L., Some Irish Nat. 155-156. 1949.
Wherry, E.T., Castanea 22(3): 125-129. 1957 (reminescenses).

12.113. *The origin and development of the Compositae.* Thesis approved for the degree of Doctor of Science in the University of London ... New Phytologist reprint, no. 11. London (William Wesley & Son, ...) 1919. Oct.
Publ.: 1917-1919 (in journal, see below; p. vi: Sep 1919; Nat. Nov. Apr/Mai 1920), p. [i]-xi, [xii], [1]-334, *pl. 1-6. Copies*: FI, G, MO, NY. – Reprinted and to be cited from New Phytologist 16(7): 157-177. 9 Aug 1917, 16(8-9): 198-221. 14 Nov 1917, 16(10): 253-276. 20 Dec 1917, 17(1-2): 13-40. 11 Mar 1918, 17(3-4): 69-94. 6 Mai 1918, 17(5-6): 114-142. 20 Jun 1918, 17(8-9): 200-230. 14 Nov 1918, 18(1-2): 1-35, *pl. 1-6.* 9 Mar 1919, 18(3-4): 65-89. 14 Mai 1919, 18(5-6): 129, 176. 15 Jul 1919, 18(7): 201-234. 10 Sep 1919.
Ref.: S.M., J. Bot. 58: 202-204. Aug 1920 (rev.).

Small, John Kunkel (1869-1938), American botanist (of Pennsylvania-German origin); at Franklin and Marshall College, Lancaster 1888-1892; studied botany with N.L. Britton at Columbia College; Dr. phil. 1895; curator of the herbarium of Columbia College 1895-1898; curator of the Museums of the New York Botanical Garden 1898-1905; head-curator id. 1906-1933; chief research associate and curator 1934-1938; mainly interested in the flora of the southeastern United States, especially of Florida which he visited almost annually from 1901-1916; Dr. Sci. h.c. Franklin and Marshall College 1912. (*Small*).

HERBARIUM and TYPES: NY. – Other material at A, BM, BR, BUS, C, CU (pre-1899 crypt., orig.), DUKE, E, F (early herb. Lancaster County, orig.), FH, FI, FLAS, FMC, G, GB, GH, H, IA, ILL, K, L, MICH, MIN, MO, MSC, NYS, PH (bryoph.; early coll.), POM, QK (Pennsylv. mosses), S, TEX, U, VT, W. – For series of exsicatae see Sayre (1969, 1971). – *Manuscripts, field notes* and *correspondence* also at NY (see Lenley p. 370-377); correspondence at Florida State Univ. Archives, Tallahassee (see Taxon 33: 159. 1984); other manuscript material at NW, other letters at G and GH. Small, J.K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 287 (b. 31 Jan 1869, d. 20 Jan 1938); BFM 1604-1605; Biol.-Dokum. 17: 8729; BL 1: 161, 172, 173, 205, 210, 212, 219, 318; BM 4: 1940, 8: 1202; Bossert p. 245; GR p. 246; Hortus 3: 1204; IF suppl. 3: 218, suppl. 4: 339; IH (ed. 2): 87, (ed. 3): 111, (ed. 6): 364, (ed. 7): 343, 2: (files); Langman p. 703; Lenley p. 370-377; MW p. 458-459; NW p. 57; Rehder 5: 803; SBC p. 132; TL-1/1233; TL-2/779, 781, 5163, 6342, 8183, see L.T. Hanks, R. Harper, E.L. Morris; Tucker 1: 654, 2: xxxv, 3: 284-285; Zander ed. 10, p. 718, ed. 11, p. 819-820.

BIOFILE: Anon., Bot. Centralbl. 78: 256. 1899 (curator NYBG); Chron. bot. 4(2): 172. 1938 (d. 20 Jan 1938); Fern J. 28: 80. 1938 (d.); J. New York Bot. Gard. 37: 197-198. 1936 (donated herb. bryoph., lich., 13.000 specimens; coll. before 1899; these are duplicates; orig. herb. is at CU), 40: 265. 1939 (memorial meeting Tulane); Nat. Nov. 21: 351. 1899 (Small app. curator NYBG; M.A. Howe succeeds him at

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Ewan, J. et al., Short hist. bot. U.S. 13, 15. 1969.
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Hume, H.H., *in* Ferns southeast. States 1938, p. [iii-iv]. (appreciation).
Humphrey, H.B., Makers of North American botany 232-234. 1961.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 676. 1985.
Murrill, W.A., Hist. found. bot. Florida 20. 1945.
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Sayre, G., Mem. New York Bot. Gard. 19(1): 165. 1969, 19(2): 255-256. 1971 ("Georgia mosses" and other exsicc.); Bryologist 80: 518. 1977 (location bryoph.).
Shinners, L.H., Sida 1(1): 1-31. 1962 (on Fl. southeast U.S.).
Stieber, M.T., Arch. nat. Hist. 11(3): 427. 1984.
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Verdoorn, F., ed., Chron. bot. 2: 343. 1936, 3: 310, 311. 1937, 4: 87, 172, 256, 278, 565. 1938, 5: 174, 286, 293, 526. 1939, 6: 116, 235. 1941, 7: 86, 355. 1943.
Wherry, E.T., Castanea 22(3): 126-134. 1957.

COMPOSITE WORKS: (1) Senior author, with A.A. Heller, *Flora of western North Carolina and contiguous territory*, Mem. Torrey Bot. Club 3(1): 1-36. 20 Feb 1892.
(2) With Anna Murray Vail, *Report on the botanical exploration of southwestern Virginia during the season of 1892*, Mem. Torrey Bot. Club 4: 93-201. *pl. 75-82.* 18 Nov 1893, 17 Apr 1894.
(3) *Polygonaceae*, *in* N.L. Britton and A. Brown, *Ill. fl. n. U.S.* 1: 541-569. 15 Aug 1896, *Oxalidaceae*, ib. 2: 344-347. 31 Mai 1897, *Euphorbiaceae*, ib. 2: 361-381. 31 Mai 1897, *Onagraceae*, ib. 2: 475-500. 31 Mai 1897.
(4) *Polygonaceae*, *in* N.L Britton, *Man. fl. n. States* 350-367. Oct 1901, *Oxalidaceae* ib. p. 575-578, *Euphorbiaceae*, ib. 585-596, *Onagraceae*, ib. 651-654. All Oct 1901.
(5) Editor of Thomas Conrad Porter, *Flora of Pennsylvania* 1-262. 15 Aug 1903.
(6) Editor of T.C. Porter, *Catalogue of Bryophyta and Pteridophyta found in Pennsylvania* 1-66. 1904, TL-2/8183.
(7) *N. Amer. fl.*, *Rosales* 22: 1-2. 22 Mai 1905, *Pterostemonaceae* 22: 183. 18 Dec 1905, *Saxifragaceae* 22: 81-158. 18 Dec 1905 (with P.A. Rydberg), *Hydrangeaceae* 22: 159-178. 18 Dec 1905 (P.A. Rydberg), *Geraniales* 25: 1-2. 24 Aug 1907, *Geraniaceae* 23: 3-24. 24 Aug 1907 (with Lenda Tracy Hanks), *Oxalidaceae* 25: 25-58. 24 Aug 1907, *Linaceae* 25: 67-87. 24 Aug 1907, *Crossommataceae* 22: 231-232. 12 Jun 1908, *Pandanales* 17: 1. 30 Jun 1909, *Naiadales* 17: 11. 30 Jun 1909, *Alismales* 17: 39. 30 Jun 1909, *Alismaceae* 17: 43-62. 30 Jun 1909, *Hydrocharitales* 17: 65. 30 Jun 1909, *Poales* 17: 75. 30 Jun 1909, *Malpighiaceae* 25: 117-171. 3 Jun 1910, *Simaroubaceae* 25: 227-236. 6 Mai 1911, *Ericales* 29: 1. 31 Aug 1914. *Monotropaceae* 29: 11-18. 31 Aug 1914, *Ericaceae* 29: 33-102. 31 Aug 1914, *Saxifragaceae* (add.) 22: 549-555. 30 Dec 1918 (with P.A. Rydberg), *Hydrangeaceae* (add.) 22: 555-557. 30 Dec 1918 (with P.A. Rydberg), *Escalloniaceae* 22: 557-558. 30 Dec 1918, *Polygalales* 25: 299. 10 Mar 1924.
(8): *Polygonaceae*, *in* N.L. Britton and A. Brown, Ill. fl.n. U.S. ed. 2: 1: 646-677. 7 Jun 1913, *Saxifragaceae* 2: 214-230, *Oxalidaceae* 2: 430-435, *Linaceae* 2: 435-440, *Euphorbiaceae* 2: 452-477, *Onagraceae* 2: 584-611. All 7 Jun 1913.
(9) *Polygonaceae*, joint author with P.A. Rydberg, *in* P.A. Rydberg, *Fl. Colorado* 1906.
(10) Co-author, D.T. MacDougal, *Mutants hybrids Oenoth.* 1905, TL-2/5163.

(11) Contributed to Th. Morong & H.H. Rusby et al., *List Pter. Sperm. N.E. North America* 1893-1894, TL-2/6342.
(12) *Polygonum, in* E.L. Rand & J.H. Redfield, *Fl. Mount Desert Isl., Maine* 1894.

NOTES. (1) The main bibliography, by J.H. Barnhart, *Bibliogaphy of John Kunkel Small* [New York] 1935, 15 p., privately published, gives the precise dates of all of Small's publications. – Small, in a letter to A.S. Hitchcock, in the copy of *Fl. s.e. U.S.*, 1903, at US, wrote "I dated all prefaces ahead" so that they would indicate the actual date of publication.
(2) The New York Botanical Garden has also a typescript "John K. Small 'Record'" providing a curriculum vitae, a general bibliography, extracts of letters of appreciation and a list of new taxa published up to 1931.
(3) Nearly all of Small's books were published by himself at his own expense. During Small's time the NYBG policy was "never to publish any books written by members of the staff ..." (J.H. Barnhart (1938, p. 67). Only some of the later books were handled by a commercial publisher (Science Press). The main reason for this policy was that the NYBG needed its limited publication funds for its own serial publications (Bulletin, Journal, Memoirs, N. Amer. Fl.). An announcement by Small of the "Descriptive floras and miscellanous papers" sold by him, with prices and brief descriptions, to be ordered from "John K. Small, 310 East 207th Street, New York, N.Y." is found e.g. in the reprint of his 1923 paper *The needle palm Rhapidophyllum hystrix*. A list of *Reports on Florida expeditions* published in various journals, is given on p. [2-3] of this same reprint.

EPONYMY: *Smallanthus* Mackenzie (1933); *Smallia* Nieuwland (1913).

12.114. *Preliminary list of the mosses of Lancaster County*, Pa. By John K. Small [Lancaster, Pa., 1892]. Oct. (*Prelim. list moss. Lancaster*).
Publ.: 6 Feb 1892 (date of preface is date of publication with Small; T.B.C. 5 Apr 1892), cover-t.p., p. [1]-8. *Copies*: FH, NY, PH, USDA.

12.115. Contributions from the Herbarium of Columbia College. – No. 31. *A preliminary list of American species of Polygonum* ... [reprinted from Bulletin of the Torrey botanical Club ... 1892]. Oct.
Publ.: 15 Dec 1892, cover-t.p., p. [351]-370. *Copies*: NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 19(12): 351-370. 1892.

12.116. Contributions from the Herbarium of Columbia College. – No. 41. *The altitudinal distribution of the ferns of the Appalachian mountain system* ... [Reprinted from the Bulletin of the Torrey botanical Club ... 1893]. Oct.
Publ.: 26 Dec 1893, cover-t.p., p. [455]-467. *Copy*: US. – Reprinted and to be cited from Bull. Torrey bot. Club 20(12): 455-467. 1893.

12.117. Contributions from the Herbarium of Columbia College. – No. 53. *New and interesting species of Polygonum* ... [Reprinted from the Bulletin of the Torrey botanical Club, ... 1894]. Oct.
Publ.: 25 Apr 1894, cover-t.p., p. [168]-173, *pl. 193-196*. *Copies*: NY, US. – Reprinted and to be cited from Bull. Torrey bot. Club 21(4): [168]-173, *pl. 193-196*. 1894.

12.118. Contributions from the Herbarium of Columbia College. – No. 64. *Notes on some of the rarer species of Polygonum* ... [Reprinted from the Bulletin of the Torrey botanical Club, vol. 21, no. 11, Nov 1894]. Oct.
Publ.: 24 Nov 1894, cover-t.p., p. [476]-482, *pl. 224*. *Copies*: MO, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 21: 476-482, *pl. 224*. 24 Nov 1894.

12.119. *Studies in the botany of the southeastern United States* 1-15, [Bull. Torrey bot. club 21-25, 1894-1898]. Oct.
Publ.: a series of 15 papers published in the Bull. Torrey bot. Club and reprinted, with special cover, as Contributions from the Herbarium of Columbia College. (*Contr.*). *Copies*: NY, US.
1: 25 Jan 1894, Bull. 21: 15-20, *pl. 171-172*. – Contr. 45.

2: 20 Jul 1894, Bull. 21: 300-307. *pl. 212.* – Contr. 59.
3: 15 Jan 1895, Bull. 22: 43-48. *pl. 228.* –Contr. 70.
4: 31 Aug 1895, Bull. 22: 365-369, *pl. 246.* – Contr. 79.
5: 30 Apr 1896, Bull. 23: 125-130. – Contr. 90.
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Continuation: The *Manual of the southeastern flora*, 1933 came instead of a third edition.
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Co-author: Joel Jackson Carter (1843-1912).
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Co-author: Edward Johnston Alexander (1901-x).
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Ref.: Wiley, F.A., Torreya 39: 15-16. 9 Feb 1939 (rev.).
E.T.W., Fern J. 29: 25-29. 2 Apr 1939 (rev.).

Smarda, Jan (1904-1968), Moravian bryologist; Dr. sci. nat. Brno 1938; lecturer (1946) and professor of systematic botany (1954) at the University of Brno; from 1962 working in the Geographical Institute of the Academy of Sciences of CSR. (*Šmarda*).

HERBARIUM and TYPES: BRNM, BRNU. – Other material at C, L, NY, PR. – *Cryptogamae cechoslovenicae exsiccatae* ser. 1-7, nos. 1-350, 1950-1958, see Sayre (1969).

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12.154. *Studie o zeměpisném rozšíření rostlin v uvále tišnovském* ... [Brno 1930]. Oct.
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Smarods, Julius (1884-?), Latvian phytopathologist and mycologist at the Institute of plant protection, Riga. (*Smarods*).

HERBARIUM and TYPES: RIG. – Exsiccatae: Latvijas senes, *Fungi latvici exsiccati* fasc. 1-22, 1931-1943 and other material at B (extant), BP, E, FH, HPP, L, NY, PR, PRE, TRTC, W.

BIBLIOGRAPHY and BIOGRAPHY: Hirsch p. 278; IH 1 (ed. 7): 343; LS suppl. 25767-25773; Stevenson p. 1258.

BIOFILE: Verdoorn, F., ed., Chron. bot. 1: 362. 1935, 2 : 227. 1936, 3: 198, 228. 1937, 4: 87, 278. 1938.

Smeathman, Henry (x-1786), British naturalist, who collected for John Fothergill and others on Madagascar, the West Indies and especially (ca. 1771) in Sierra Leone. (*Smeathman*).

HERBARIUM and TYPES: BM. – Other material at G, LINN, LIV, MO, P.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 536; Barnhart 3: 288; BB p. 278-279; BM 4: 1940; Dawson p. 758 (letters to Banks); Desmond p. 564; Lasègue p. 584 (index); TL-2/see L'Héritier.

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EPONYMY: *Smeathmannia* Solander ex R. Brown (1821).

Smidth, Jens Hansen (1769-1847), Danish botanist and clergyman at Aastrup (Falster). (*Smidth*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 288 (b. 19 Jul 1769, d. 20 Jun 1847); BM 4: 1941; KR p. 653; PR 8727, ed. 1: 9705; Rehder 1: 293, 5: 804; Urban-Berl. p. 654.

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Smielowsky, [Smelowsky], **Timotheus** (1769-1815), Russian pharmacist at St. Petersburg. (*Smielowsky*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 536; Barnhart 3: 288 (d. 21 Oct/2 Nov 1815); Herder p. 161; Jackson p. 443; MW p. 459; Rehder 2: 804, 869.

BIOFILE: Lipsky, V.I., Imp. St.-Petersb. bot. sada 3: 434-436. 1915 (biogr. sketch, bibl.).

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Smiley, Frank Jason (1880-?), American botanist; A.B. Stanford 1913; Dr. phil. Harvard 1917; assistant for botany Stanford 1913-1914, id. Gray Herbarium, Harvard 1915; instructor in botany Univ. California, Berkeley 1915-1916; asst. prof. economic botany ib. 1919-1920; also asst. prof. botany at Occidental College 1916-1919, regular prof. 1920-1945. (*Smiley*).

HERBARIUM and TYPES: UC; further material at GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 288 (b. 1 Jul 1880); BJI 2: 167; BL 1: 169, 318; BM 8: 1202; Hortus 3: 1204; NW p. 57; Tucker 3: 285.

BIOFILE: Anon., Hedwigia 58: (89). 1916 (from Harvard to Univ. Calif.).
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Smirnov, [Smirnow, Smirnoff], **Michael Nikolajèwitsch** (1849-1889), Russian botanist; school inspector at Tiflis. (*M. Smirn.*).

HERBARIUM and TYPES: TBI. – *Letters* at S.

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BIOFILE: Lipschitz, S., Fl. URSS fontes nos. 1529, 1530.
Radde, G., Grundz. Pfl. Verbr. Kaukasusl. 9, 19. 1899 (Veg. Erde 3); Samml. kaukas. Mus. 2: portr. 1901.
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Smirnova, Zoya [Zoë] **Nikolayevna** (1898-1979), Russian bryologist; at the Botanical Institute V.L. Komarov of the Academy of Sciences, Leningrad. (*Smirn.*).

HERBARIUM and TYPES: LE.

BIBLIOGRAPHY and BIOGRAPHY: GR p. 575; Hirsch p. 278; IH 1 (ed. 3): 89, (ed. 4): 97, (ed. 5): 100; MW p. 459; Roon p. 105; SBC p. 132.

BIOFILE: Anon., Bryologist 83(2): 279. 1980 (d. 4 Dec 1979); Rev. bryol. lichénol. 21: 296. 1952, 30: 166. 1961, 32: 307, 330. 1963, 34: 381, 396. 1966, 36: 359, 380, 795-796. 1969 (1970), 37: 712, 1001. 1970 (1971), 38: 623. 1972, 39: 187, 194, 678-679. 1973 (1974), 41: 519. 1975 (1976) (notes on publ.); Taxon 29: 348. 1980 (d.).
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Smith, Albert Charles (1906-x), American botanist; Dr. phil. Columbia Univ. 1933; collaborator for field research at the Smithsonian Institution 1926-1928; assistant curator New York Botanical Garden 1928-1933; associate curator ib. 1934-1940; curator of the herbarium of the Arnold Arboretum 1940-1948; curator of the division of phanerogams of the U.S. natl. Mus. of the Smithsonian Institution 1948-1956; program director for systematic biology National Science Foundation 1956-1958; director of the U.S. national Museum of Natural History of the Smithsonian Institution 1958-1962; assistant secretary Smithsonian Institution 1962-1963; director of research University of Hawaii 1963-1965; Wilder professor of botany ib. 1965-1971; vice-president International Association for Plant Taxonomy 1959-1964; member of the editorial committee of the International Code of botanical nomenclature. (*A.C. Sm.*).

HERBARIUM and TYPES: Types mainly at A, BISH, NY, US. – Collections at A, AMES, B (partly extant), BISH, C, F, G, GH, K, L, LE, MAD, MASS, MEDEL, MO, NY, P,

PH, S, SUVA, U, US, YU. – *Field notes* Guyana 1937-1938 in NY. – Much archival material in US. *Letters* at BR, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 289 (b. 5 Apr 1906); BJI 2: 166; BL 1: 108, 244, 318; Bossert p. 372; Hortus 3: 1204; IF suppl. 3: 218, suppl. 4: 399; IH (ed. 1): 102, (ed. 2): 126, (ed. 3): 162, (ed. 4): 180, (ed. 6): 7, 364, (ed. 7): 116, 147, 343; Langman p. 703-704; Lenley p. 377; MW p. 326; PH 209, 558; Roon p. 105; SIA see index; SK 4: cxxxv, clii; TL-2: 781; Tucker 3: 285; Zander ed. 10, p. 718.

BIOFILE: Amer. men sci. eds. 5-15, 1933-1982; Anon., Taxon 5: 2, 3. 1956 (portr.), 7: 251. 1958 (app. Smithsonian), 12: 354. 1963 (app. Hawaii); Who's who Amer. 30-42, 1958-1983.

Briquet, Mrs. John, Letter to E.D. Merrill, 15 Feb 1932, at NY ("We had the visit last week of Albert C. Smith of your botanical garden, student of Mr. Gleason, who came to spend one evening at home with Dr. Becherer ... We thought it would scarcely be possible to send over a more distinguished and refined young man. We so much regretted Mr. Briquet's absence ... it was the first time we received a foreign botanist since his death ...").

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COMPOSITE WORKS: NAF, *Mayacaceae* 19(1): 1-2. 27 Nov 1937; *Araliaceae* 28B(1): 3-41. 30 Dec 1944.

NOTE: Major later publication: *Flora vitiensis nova*, a new flora of Fiji (Spermatophytes only), Lawai, Kauai, Hawaii, vol. 1. Jan 1979, vol. 2, 1981.

EPONYMY: *Alsmithia* H.E. Moore et al. (1982).

12.159. *Studies of South American plants* I ... New York 1931. Oct.

Publ.: A series of publications in various journals. Sets of reprints: FAS, G, HH, NY, U, US.

1: 1 Oct 1931, cover-t.p., p. 87-110. – Reprinted and to be cited from Bull. Torrey bot. Club 58: 87-110. 1 Oct 1931. – Contr. N.Y. Bot. Gard. no. 322.

2: 1 Dec 1932, cover-t.p., p. 513-524. – Id. 59: 513-524. 1 Dec 1932. – Contr. N.Y. Bot Gard. no. 335.

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8: Jun 1939, p. 407-412. – Reprinted and to be cited from Amer. J. Bot. 26: 407-412. 1939.
9: Jul 1940, p. [541]-547. – Reprinted and to be cited from Amer. J. Bot. 27(7): 541-547. 1940.
10: 1 Feb 1943, p. [460]-471. – Reprinted and to be cited from J. Arnold Arb. 24: [460]-471. 1943.
11: 1946, J. Arnold Arb. 27: 86-120. 1946.
12: 23 Jan 1950, Contr. U.S. natl. Herb. 29(8): [i]-v, 317-393, vii-viii. 1950.
13: Jul 1953, J. Washington Acad. Sci. 43(7): [203]-212. 1953.
14: Jul 1953, Amer. J. Bot. 40(7): 469-476. 1953.
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12.160. *List of plants collected*, with descriptions of new genera and species ... from Bulletin of the Torrey Botanical Club ... 1931. Oct.
Publ.: 21 Nov 1931, cover-t.p., p. 299-315. *pl. 22-23*. *Copies*: FAS, US. – Reprinted and to be cited from H.A. Gleason, The Tyler-Duida Expedition, Bull. Torrey bot. Club 58: 299-315. *pl. 22-23*. 1931.

12.161. *Ericaceae* ... from Bulletin of the Torrey Botanical Club ... 1931. Oct.
Publ.: 24 Dec 1931, p. [i, recto of 436], [436]-444, *pl. 36*. *Copies*: FAS, US. – Reprinted and to be cited from H.A. Gleason, The Tyler-Duida Expedition, Bull. Torrey bot. Club 58: 436-444. *pl. 36*. 1931.

12.162. *The American species of Thibaudieae* ... Washington (United States Governemnt [sic] Printing Office) 1932. Oct.
Publ.: 27 Jun 1932, p. [i]-vii, 311-547. *pl. 1-19*, ix-xiii. *Copies*: B, BR, FAS, G, MO, NY, U, US, USDA.
Thesis issue: 1933 (date on thesis cover-t.p.), cover-t.p., p. [i]-vii, 311-547, *pl. 1-19*, ix-xiii. *Copy*: MICH. – Cover-t.p.: "*The American species of Thibaudieae* Albert C. Smith submitted in partial fulfillment of the requirements for the degree of doctor of philosophy in the Faculty of pure science, Columbia University, New York 1933 Contributions from the United States National Herbarium 28: 311-547, *pl. 1-19*. 1932".
Additions: Bull. Torrey bot. Club 63: 307-316. Jun 1936 (Studies on South American plants 5).

12.163. *The genera Sphyrospermum and Disterigma* ... separate, without change of paging, from Brittonia ... 1933 ... New York, N.Y. Oct.
Publ.: Dec 1933, cover-t.p., p. 203-232. *Copies*: FAS, G, U, US. – Reprinted and to be cited from Brittonia 1(4): 203-232. Dec 1933.

12.164. *Plantae krukovianae* ... [Bull. Torrey bot. Club ... 1933]. Oct.
Senior author [*1*, *2*]: Henri Allan Gleason (1882-1975), see TL-2/1: 950-951); *collector*: Boris Alexander Krukoff (1898-1983), see TL-2/2: 680.
[*1*]: Bull. Torrey bot. Club 60(5): 349-365. 1 Mai 1933, 60(6): 379-396. *pl. 21-22*. 1 Jun 1933.
2: Ib. 61(4): 191-196. 1 Apr 1934.
3: [by Gleason alone]: Phytologia 1(2): 106-111. 4 Aug 1934.
4: [by A.C. Smith] Phytologia 1(3): 113-126. Jan 1935.
5: [id.] Brittonia 2(2): 145-164. Mai 1936.
6: [id.] J. Arnold Arb. 20: [288]-303. 19 Jul 1939.

12.165. *Hornemannia*, a much-described West Indian genus ... Reprinted from the American Journal of Botany ... 1935. Oct.
Publ.: Jan 1935, p. 9-11. *Copy*: FAS. – Reprinted and to be cited from Amer. J. Bot. 22: 9-11. Jan 1935.

12.166. *The genus Espeletia*: a study in phylogenetic taxonomy ... separate, without change of paging, from Brittonia ... 1935 ... New York, N.Y. Oct.
Co-author: Minna Frotscher Koch (1894-x).
Publ.: Mai 1935, cover-t.p., p. 479-530, *pl. 1-2*. *Copies*: FAS, G, U, US. – Reprinted and to be cited from Brittonia 1(7): 479-530, *pl. 1-2*. Mai 1935.

12.167. *Some American plants used as fish poisons* ... [Washington, D.C. 1935]. (*Amer. pl. fish pois.*).
Senior author: Ellsworth Paine Killip (1890-1968), TL-2/3636-3638.
Publ.: 6 Feb 1935 (p. 27), p. [1]-27. *Copy*: G. – Mimeographed.

12.168. *Fijian plant studies* ... Honolulu, Hawaii (published by the Museum) 1936. Oct.
1: 28 Nov 1926, p. [i-ii], [1]-166. Issued as and to be cited from B.P. Bishop Mus. Bull. 141, 1936.
2: 20 Jul 1942, p. [i]-iv, [1]-148. Issued as Sargentia 1, 1942, by A.C. Smith and collaborators.
Copies: BR, G, GB, HU, LD, M, MO, NY, Univ. Illinois, US.
Facsimile reprint no. 1: 1971, Bull. B.P. Bishop Museum no. 141.

12.169. *Notes on North American Araliaceae* ... Reprinted from Brittonia ... 1936. Oct.
Co-author: Wendell Holmes Camp 1904-1963.
Publ.: Nov 1936, p. 247-261. *Copies*: FAS, US. – Reprinted and to be cited from Brittonia 2(3): 247-261. 1936.

12.170. *The American species of Myristicaceae* ... Separate ... from Brittonia ... 1937 ... New York, N.Y. Oct.
Collaborator: Roger Philip Wodehouse (1889-x).
Publ.: Dec 1937, cover-t.p., p. [393]-510. *Copies*: U, US. – Reprinted and to be cited from Brittonia 2(5): 393-510. Dec 1937. (Heading on p. 392, however: reprinted from Brittonia, May, 1938, vol. 2, no. 5, pages 393-510 sic).
Supplementary notes on Myristicaceae: p. 339-340. *Copy*: FAS. – Id. Brittonia 3(2): 339-340. Oct 1939.

12.171. *Notes on a collection of plants from British Guiana* ... Cincinnati, Ohio (Lloyd Library) 1939. Oct.
Publ.: Sep 1919, cover-t.p., p. 161-218. *Copies*: G, US. – Reprinted and to be cited from Lloydia 2: 161-218. 1939.

12.172. *A collection of flowering plants from Mount Roraima* and adjacent Venezuela, British Guiana and Brazil. [Bull. Torrey bot. Club 1940]. Oct.
Publ.: Apr 1940, p. 283-299. *Copy*: FAS. – Reprinted and to be cited from Bull. Torrey bot. Club 67: 283-299. 1940. – Collaborators: L.O. Williams, P.C. Standley, L. Croizat, J.D. Dwyer, E.P. Killip, H.A. Gleason, R.E. Woodson, S.F. Blake. Collector: Albert S. Pinkus.

Smith, Alexander Hanchett (1904-x), American mycologist; Dr. phil. Univ. Michigan 1933; research assistant Univ. Herbarium, Univ. Michigan, Ann Arbor 1933-1934; assistant curator for fungi 1934-1939; assoc. curator 1939-1944, botanist 1944-1960; professor of botany 1960-1974; director of the Univ. Michigan herbarium 1960-1972; emeritus professor from 1974. (*A.H. Sm.*).

HERBARIUM and TYPES: MICH. – Other material at E, PH, TRTC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 289 (b. 13 Dec 1904); BL 1: 212; GR p. 246-247; IH 1 (ed. 1): 4, (ed. 2): 17, (ed. 3): 18, (ed. 4): 18, (ed. 5): 6, (ed. 6): 91, 364, (ed. 7): 9, 343; Lenley p. 377; Roon p. 104; Stevenson p. 1258; TL-2/1780; see L.R. Hesler.

BIOFILE: Anon., Amer. men sci. eds. 6-13, 1938-1976; Taxon 14: 114. 1965 (portr.); Who's who Amer. 26-27. 1952-1955.

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NOTE: Numerous publications appeared after our closing date, e.g. *North American species of Mycena* (1947, xviii, 521 p., *99 pl.*), *Puffballs and their allies in Michigan* (1951, xi, 131 p., *43 pl.*), *A monograph of the genus Galerina* Earle (1964, iv, 384 p., with Rolf Singer), *North American species of Hygrophorus* (xv, 416 p., with L.R. Hesler), *A contribution toward a monograph of North American species of Suillus*) (1964, v, 116 p., 46 pl., with H.D. Thiers), *A monograph of North American species of Crepidotus* (iv, 168 p., *18 pl.*, with L.R. Hesler), *North American species of Pholiota* (iv, 402 p., *90 pl.*, with L.R. Hesler).

12.173. *Investigations of two-spored forms in the genus Mycena* ... a dissertation submitted in partial fulfillment of the requirements for the degree of doctor of philosophy in the University of Michigan. Reprinted from Mycologia, vol. xxvi, no. 4, July-August 1934. Oct.
Publ.: 1 Aug 1934, cover-t.p., p. 305-331, *p. 34-38* (uncol.). *Copies*: FH, MICH. – Reprinted and to be cited from Mycologia 26(4): 305-331, *pl. 34-38*. 1 Aug 1934.

12.174. *Studies in the genus Mycena*. i. Reprinted from the American Journal of Botany, 22: 858-877, December 1935. Oct.
1: Dec 1935, Amer. J. Bot. 22: 858-877, *pl. 1-4*. Dec 1935.
2: 1 Dec 1935, Mycologia 27(6): 586-604. 1 Dec 1935.
3: 1 Oct 1936, Mycologia 28(5): 410-430. 1 Oct 1936.
4: 1 Jun 1937, Mycologia 29(3): 338-354. 1 Jun 1937.
5: 1 Jun 1939. Mycologia 31(3): 267-285. 1 Jun 1939.

12.175. *Common edible and poisonous mushrooms of southeastern Michigan* ... Cranbrook Institute of Science Bulletin no. 14 December, 1938. Oct. (*Common mushrooms s.e. Michigan*).
Publ.: Dec 1938, p. [i], frontisp., [1]-71, [73], *pl. 1-15*. *Copies*: FH, PH, USDA.
Note: a further more popular book on mushrooms by A.H. Smith is *Mushrooms in their natural habitats*, 2 vols. 1949, of which vol. 1 was reprinted New York 1973 Hafner Press, ISBN 02-852420-9).

12.176. *Studies in North American Species of Hygrophorus* i-ii, Lloydia, Cincinnati, Ohio, 1939-1942.
Co-author: Lexemuel Ray Hesler (1888-1977), see TL-2/2: 181.
1: Mar 1939, Lloydia 2(1): 1-62. *pl. 1-2*.
2: Mar 1942, Lloydia 5(1): 1-94. *pl. 1-18*.

12.177. Contributions from the University of Michigan Herbarium, no. 2. *Studies in the genus Cortinarius* i ... Ann Arbor (University of Michigan Press) 1939. Oct. (*Stud. Cortinarius*).
1: 30 Jun 1939, p. [1]-42, *pl. 1-12*. *Copies*: BR, U, US.

Smith, Annie Lorrain (1854-1937), British lichenologist and mycologist; associated with the British Museum (Natural History) 1892-1899, 1901-1933 ("unofficial worker"), assistant to Wm. Carruthers, Royal Agricultural Society, 1899-1901; president of the British mycological Society 1917. (*A.L. Sm.*).

HERBARIUM and TYPES: BM (fungi deposited in K); further material at DBN. – Manuscripts at BM. – *Letters* to Farlow at FH.

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Wakefield, E.M., Bull. misc. Inf. Kew 1937: 442-443 (obit.).

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(2) *Lichenes*, *in* R.L. Praeger, Biol. Survey Clare Island, Proc. R. Irish Acad. 31, sect. 1, 14: 1-14. 1911 (*Rev.*: Scot. bot. Rev. 1(3): 190-191. Jul 1912).
(3) With J.M. Crombie, *Monogr. lich. Britain* 2, Feb-Apr 1911. See TL-2/1278. Ed. 2, 2 vols. 1918-1928 is by A.L. Smith. "The 1911 second volume to Crombie's *Monograph*, although appearing under her name, is now known to have been almost entirely the work of Crombie and not of Smith ..." (Hawksworth & Seaward 1977, p. 26). – *Copies*: of ed. 1, vol. 2 at BR, G, FH, PH, USDA; review: H.T. Reader, J. Bot. 49: 170-172. Mai 1911, J. Ramsbottom, Mycol. Centralbl. 1: 378-379. 1912.
(4) With A.B. Rendle et al., *Motion nom. alg.*, 1909, TL-2/9067.
(5) Descriptions, *in* M. Wrigley, *Studies of trees and flowers*, London 1911.

12.178. *East African fungi* ... [reprinted from the "Journal of Botany" for November, 1895]. Oct.
Publ.: Nov 1895 (in journal), p. [1]-5. *Copy*: FH. – Reprinted and to be cited from J. Bot. 33: 340-344. Nov 1895.

12.179. *Fungi new to Britain* ... Reprinted from the Transactions of the British Mycological Society 1899-1900 ... Worcester (Ebenr. Baylis & Son, ...) 1900.
[*1*]: 1900, cover-t.p., p. 113-116. *Copy*: FH. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 1899-1900: 113-116. 1900.
[*2*]: 1901, p. [1]-8. *pl. 7-8*. *Copy*: FH. – Id. 1899-1900: 150-158, *pl. 7-8*. 1901.
[*3*]: 4 Mar 1902, p. [1]-9. *Copy*: FH. – Id. 1900-1901: 192-201. 1902.
[*4*]: 2 Mar 1903 (no reprint seen). – Id. 1901-1902: 31-40. 1903.
[*5*]: 14 Apr 1904 (no reprint seen). – Id. 1902-1903: 59-67, *pl. 3-5*. 1904.
[*6*]: 13 Mai 1905 (no reprint seen). – Id. 1903-1904: 92-99. 1905.
[*7*]: 15 Jun 1907, p. [1]-6, *pl. 14-16*. *Copy*: FH. – Id. 1905-1906: 167-172. 1907.
[*8*]: 25 Jun 1908 (no reprint seen). – Id. 1906-1907: 34-36, *pl. 1-3*. 1901.

12.180. *On some fungi from the West Indies* ... [Extracted from the Linnean Society's Journal, Botany, vol. xxxv. 1901]. Oct.
Publ.: 1901, p. [1]-19, *pl. 1-3*. *Copy*: FH. – Reprinted and to be cited from J. Linn. Soc. Bot. 35: 1-19, *pl. 1-3*. 1901.

12.181. *New and rare British fungi* ... Worcester (Ebenr. Baylis) & Son, ...) [1908]. Oct.
Co-author: Carleton Rea.
Publ.: 1908, p. [1]-12, *pl. 1-3*. (2, 3 col.). *Copy*: FH. – Reprinted and to be cited from Trans. Brit. mycol. Soc. 3: 34-46. 1908.

12.182. *A monograph of the British lichens* a descriptive catalogue of the species in the Department of Botany, British Museum ... second edition by Annie Lorrain Smith, ... London (printed by order of the trustees of the British Museum ...) 1918-1926, 2 vols. Oct. (*Monogr. Brit. lich. ed. 2*).
Ed. 1: see TL-2/1278, under J.M. Crombie. Vol. 2 was prepared by A.L. Smith, but see note above under Composite works.
Ed. 2: 2 vols. *Copies*: B, B-S, BR, FAS (vol. 2), FH, G, M, MO, NY, PH, Stevenson, US, USDA; IDC 1385.
Part 1: Oct 1918 (p. iii: 1918; J. Bot. Nov 1918), p. [i*-iii*], [i]-xxiii, [1, note], [1]-519, [520, index pl.], *pl. 1-71*.
Part 1, facsimile ed.: 1970, as original but with extra t.p. with imprint "Reprint A. Asher & Co. N.V. Vaals 1970". *Copy*: FAS. – See Taxon 20: 372. 1971. – ISBN 90-6123-140-x.
Part 2: 27 Feb 1926 (p. vi: Jan 1926; p. 447: date publ.), p. [i]-ix, [1]-447, [448, colo.], *pl. 1-63*.
Ref.: Paulson, R., J. Bot. 57: 21-23. Jan 1919 (rev.: "it is ... practically an independent work"), 63: 115-116. Apr 1926 (rev.).

12.183. *A handbook of the British lichens* ... London (printed by order of the Trustees of the British Museum ...) 1921. Oct. (*Handb. Brit. lich.*).
Publ.: Apr-Mai 1921 (p. v: Mar 1921; ÖbZ for Mar-Jun 1921; J. Bot. rev. Jun 1921; NY rd Aug-Sep 1921; Nat. Nov. Oct 1921), p. [i-vii], [1]-158, [1, err.]. *Copies*: B-S, BR, FH, G, MICH, MO, NY, PH, Stevenson, USDA.
Reprint: 1963, Lehre (J. Cramer), ISBN 3-7682-0215-1.
Ref.: Watson, W., J. Bot. 59: 180-182. Jun 1921 (rev.).

12.184. *Lichens* ... Cambridge (at the University Press) 1921. Oct. (*Lichens*).
Publ.: 1921 (p. [v]: Feb 1920; ÖbZ for Nov-Dec 1921; J. Bot. Nov 1921, rev.; J. Bot. Aug 1921), p. [i]-xxviii, [1]-464. *Copies*: B, BR, FH, FI, G, MICH, MO, NY, PH, Stevenson, USDA.
Reprint: announced by Richmond Publishing Co. for Nov-Dec 1975, not seen by us.
Ref.: A.H.C., J. Bot. 59: 331-333. Nov 1921 (rev.).
Tobler, F., Hedwigia 63: (116). 1922 (rev.).

Smith, [Mrs] **Anna Maria** (*fl.* 1878), Austrian(?) botanist, active in and around Fiume. (*A.M. Sm.*).

HERBARIUM and TYPES: FI; further fungi in BR and K.

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Jackson, B.D., Bull. misc. Inf. Kew 1901: 61 (146 fungi from Fiume and Tirol).
Verdoorn, F., ed., Chron. bot. 2: 332, 405. 1936, 3: 295. 1937, 4: 278. 1938, 5: 175, 307, 518. 1939.

12.185. *Flora von Fiume* ... Wien (Druck von Adolf Holzhausen) 1878. Oct. (*Fl. Fiume*).
Introduction: Josef Armin Knapp (1843-1899).
Publ.: 1878 (t.p. preprint), p. [1]-54. *Copy*: FI. – Preprinted from Verh. k.k. zool.-bot. Ges. Wien 28: 335-386. 1878 (volume publ. 1879).

Smith, Benjamin Hayes (1841-1918), American physician and amateur coleopterist and botanist; collected in Colorado 1869, 1872-1876 and 1880-1887; mainly active in Pennsylvania; professionally active in the Delaware Institute of Science at Media; son of George Smith (1804-1882). (*B.H. Sm.*).

HERBARIUM and TYPES: PH. – Other material at A, CM, DUKE, NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 289 (b. 7 Mai 1841, d. 25 Mar 1918); Ewan ed. 1: 306, ed. 2: 204; NAF ser. 2. 6: 75; PH 150, 450, 507, 567, 939; TL-2/3566; Tucker 3: 285.

BIOFILE: Calvert, P.P., Entomol. News 30: 90. 1919 (coll.).
Pennell, F.W., Bartonia 22: 16. 1942.
Stone, W., Entom. News 30: 88-90. 1919.

COMPOSITE WORKS: Contributed the key to *Crataegus* for I.A. Keller, *Handb. fl. Philadelphia* 1905, TL-2/3566.

Smith, Charles Eastwick (1820-1900), American engineer, industrial executive and amateur botanist at Philadelphia; chief organizer of the American Iron and Steel Association; president of the Philadelphia and Reading Railroad Company 1861-1869; collected widely in the N.E. United States 1862-1882. (*C.E. Sm.*).

HERBARIUM and TYPES: PH. – Other material at F, GH. – Library at PH; letters e.g. at GH.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 372; Lenley p. 378; ME 2: 186; NI 3: 53.

BIOFILE: Anon., Bot. Centralbl. 83: 176. 1900 (d.); Bot. Gaz. 29: 447. 1900 (leaves botanical library and herbarium as well as one sixth of his estate to PH; Nat. Nov. 22: 458. 1900; Österr. bot. Z. 50: 347. 1900 (d.).
Bond, L.A., Natl. Magaz., New York 17: 567-571. 1893 (portr.; biogr. sketch, in series "Railroad men of America").
Eaton, D.C., Ferns N. Amer. 1: 176. 1878 (coll. Maine).
Harshberger, J.W., Bot. Philadelphia 227-229. 1899.
Meehan, T., Proc. Acad. nat. Sci. Phildelphia 53: 4-9. 1901 (obit., b. 1 Nov 1820, d. 15 Apr 1900).
Pennell, F.W., Bartonia 22: 12. 1943.

Smith, Charles Leonhard (1866-1923), American botanist; AB State Univ. Iowa 1891, MD 1904; assistant in the Botany Department, State University of Iowa; with B. Shimek in Nicaragua 1892-1893. (*C.L. Sm.*).

HERBARIUM and TYPES: BPI, IA, NY. – Further material in MO, US. *Exsiccatae*: *Central American fungi* 3 fasc., nos. 1-150. 1896. Sets at BPI, FH, FI, IA, NY. – For details see Stevenson (1971).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 291; Bossert p. 372; IH 2: (files); LS 24969, 24972; NW p. 57; Stevenson p. 1258.

BIOFILE: Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 42. 1981.
Stevenson, J., Beih. Nova Hedw. 36: 389-391. 1971 (exsicc.).

Smith, Charles Piper (1877-1955), Canadian-born American botanist; studied at Purdue Univ. 1900-1903; BSc ib. 1903; with the Indiana State Forestry Board 1904; at Stanford University 1904-1906, 1907-1908; MA ib. 1908; forester with the Pacific Improvement Co., Monterey 1906-1907; professor of zoology and entomology, later botany, at Utah Agricultural College, Logan 1908-1911; worked at Cornell University 1911-1912; associate professor of botany at Maryland Agricultural College 1912-1914; seed inspector and analyst Maryland Board of Agriculture 1912-1919; with a seed firm in Baltimore 1919-1920; teacher of biology at San Jose High School (Calif.) 1920-1940; from 1920 especially interested in *Lupinus*; Dr. phil. Stanford 1927. (*Ch.P. Sm.*).

HERBARIUM and TYPES: DS. – Other material at CAS, E, GH, MICH, MONT, NY, S, US, UTC, WYO. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 290 (b. 25 Apr 1877); BL 1: 177, 318; Bossert p. 372; Ewan ed. 1: 306-307, ed. 2: 204 (coll.); Hortus 3: 1204; IH 1 (ed. 6): 364, (ed. 7): 343, 2: (files); Langman p. 704; Lenley p. 378; NW p. 57; Zander ed. 10, p. 718, ed. 11, p. 819.

BIOFILE: Cattell, J.M., ed., Amer. men Sci. ed. 2 : 434. 1910, ed. 3: 634. 1921, ed. 5: 1032. 1933, ed. 6: 1312. 1938, ed. 7: 1645. 1944.
Jones, K.L., The Harley Harris Bartlett diaries (1926-1959), Ann Arbor, Mich. 1975, p. 298-301.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 678. 1985.
Reveal, J., *in* A. Cronquist et al., Intermountain flora 1: 63, 64. 1972 (portr.).Rickett, H.W., Index Bull. Torrey bot. Club 93. 1955.
Stieber, M. et al., Huntia 4(1): 87. 1981 (arch. mat. HU).
Thomas, J.H., Leafl. W. Bot. 8: 41-60. 1956 (obit., portr., bibl.), Taxon 23: 834-835. 1974 ("he was senile when he wrote most of Species lupinorum"); Contr. Dudley Herb. 5(6): 161. 1961; Huntia 3: 38. 1969.

COMPOSITE WORKS: (1) *Lupinus*, *in* W.L. Jepson, Man. fl. pl. California 516-533. 1925. (2) *Lupinus*, *in* H. St. John, Fl. s.e. Washington 225-230. 1937, TL-2/10.064. (3) *Lupinus*, *in* L. Abrams, Ill. fl. Pacif. St. 2: 483-519. 1944, see below, *A taxonomic study of the Pacific States species of Lupinus* 1927 (1944).

12.186. *A taxonomic study of the Pacific States species of Lupinus*. A dissertation submitted to the Department of botany and to the committee on graduate study of Stanford University in partial fulfillment of the requirements for the degree of Doctor of philosophy by Charles Piper Smith June 1927 [i.e. 1944].
Publ.: 1944. The thesis on which the degree of Dr. phil. was awarded in 1927, *The lupines of the Pacific States of North America* was submitted in one typewritten copy. It was to be followed by 100 printed copies but these were published only in 1944, even though the thesis title-page is dated 1927. The thesis consisted of the treatment of *Lupinus* for Le Roy Abrams *Illustrated flora of the Pacific States* of which vol. 2, containing *Lupinus*, was delayed until 29 Mar 1944, *Lupinus* in 2: 483-519. 1944. The required 100 printed copies of the dissertation, now entitled "A taxonomic study ... Lupinus" also came out in 1944, but dated 1927. The new names date from 29 Mar 1944. See J.T. Thomas (1956) for further details. – The original single typewritten copy (1 copy at Stanford) consisted of a title page. *The lupines of the Pacific States of North America*, followed by 126 p. typescript. The 1944 issue consists of two typewritten pages (p. 1 has title as in our heading), followed by p. 483-519 as stated above.

12.187. *A distributional catalogue of the Lupines of Oregon* ... Stanford University Press (Stanford University, California) 1927. Oct. (*Distr. cat. Lupin. Oregon*).
Publ.: 10 Mar 1927, p. [1]-55. *Copies*: B, BR, MO, NY, U, USDA. – Issued as Contr. Dudley Herb. Stanford Univ. 1(1). 1927.

12.188. *Species lupinorum* [privately published by the author, Saragota, California] signatures 1-44. 1938-1953. Oct.

1: 1-16. Apr 1938.
2: 17-32. Mai 1938.
3: 33-48. Jul 1938.
4: 49-64. Jul 1938.
5: 65-80. Aug 1938.
6: 81-96. Oct 1938.
7: 97-112. Feb 1939.
8: 113-128. Dec 1939.
9: 129-144. Jan 1940.
10: 145-160. Feb 1940.
11: 161-176. Aug 1940.
12: 176-191. Aug 1940.
13: 193-208. Sep 1940.
14: 209-224. Nov 1940.
15: 225-240. Dec 1940.
16: 241-256. Aug 1941.
17: 257-272. Sep 1941.
18: 273-288. Sep 1941.
19: 289-304. Sep 1941.
20: 305-320. Jan 1942.
21: 321-336. Dec 1943.
22: 337-352. Jan 1944.
23: 353-368. Jan 1944.
24: 369-384. Feb 1944.
25: 385-400. Feb 1944.
26: 401-416. Jul 1944.

27: 417-432. Jul 1944
28: 433-448. Aug 1924.
29: 449-480. Aug 1945.
30: 481-512. Aug 1945.
31: 513-544. Sep 1945.
32: 545-576. Mar 1946.
33: 577-592. Apr 1948.
34: 593-608. Apr 1948.
35: 609-624. Jun 1948.
36: 625-640. Aug 1948.
37: 641-656. Jun 1949.
38: 657-672. Aug 1948 [sic].
39: 673-688. Jan 1951.
40: 689-704. Mar 1951.
41: 705-720. Mar 1951.
42: 721-736. Aug 1952.
43: 737-752. Aug 1952.
44: 753-768. Jun 1953.

Copies: G, HH, MO. – See J.H. Thomas (1974), p. 834-835 for a critical note.

12.189. *Geranium records* signatures 1-4 [Saratoga, California] 1941-1942, 4 parts.
1: 1-16. Apr 1941.
2: 17-32. Jul 1941.
3: 33-48. Oct 1942.
4: 49-64. Nov 1942.
Copy: MO.

Smith, Christen (1785-1816), Norwegian botanist and physician; professor of botany at the University of Christiania (Oslo) 1814; travelled to Madeira and the Canary Islands 1815; botanist and geologist on the British expedition to the Congo under J.K. Tuckey 1816. (*Chr. Sm.*) .

HERBARIUM and TYPES: BM. – Other material at B (mainly destr.), BR, C, GDC, K (ex herb. R. Brown), LINN, MO, STR. – Mss. autobiography at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 290 (b. 17 Oct 1785, d. 22 Sep 1816); BB p. 279; BM 4: 1943; Bossert p. 372; Desmond p. 565-566; Kleppa p. 10, 240, 272, 298, 311; PR 8729, 9582; Rehder 1: 491; Tucker 1: 655, 3: 285; Urban-Berl. 398.

BIOFILE: Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 224.54. 1980.
Buch, L. von, Edinburgh New philos. J. 1816 (Apr-Oct): 209-213 (obit.).
Candolle, Alph. de, Phytographie 451. 1880 (Téneriffe pl. in G-DC)
Christensen, C., Dansk. bot. hist. 1: 220. 1924 (portr.), 2: 154. 1924 (bibl.)(d. 22 Sep 1816).
Dahl, O., Arch. Mat. Naturvid. [Oslo], 17(4): 35-93. 1894 (letters to J.W. Hornemann).
Fox Maule, A., Bot. Tidsskr. 69: 189, 190. 1974.
Gonzalez, G.L., Anal. Jard. bot. Madrid 39(1): 153-155. 1982 (on publication of "Christian Smith's" species by L. von Buch in 1819).
Hansen, A., Bot. Macaronesica 3: 25-34. 1978 (Canary pl.), 51: 12. 1980 (Madeira pl.).
Holmboe, J., Naturen 40: 257-274. 1916 (biogr. acct., portr.).
Hornemann, J., Nat. Tidskr. 1: 582. 1837.
Kiaer, F.C., ed., Prof. Christen Smiths dagbok paa reisen til de Canariske Öer i 1815, Vid. Selsk. Forh., Christiania 1889, 74 p.
Kleppa, P., *in* E. Jansen et al., eds., Norsk biogr. leks. 14: 63-69. 1962.
Lopez, G., Anal. Jard. bot. Madrid 39: 153-155. 1982 (nom. Canary pl.).
Miller, H.S., Taxon 19: 542-543. 1970 (Lambert's set of Smith plants).
Murray, G., Hist. coll. BM(NH) 183, 1904 (coll. BM).
Nordhagen, R., Blyttia 22: 133-158. 1964 (on S. and the Oslo bot. gard., portr.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 946. 1863.
Sayre, G., Bryologist 80: 518. 1977 (mosses at BM, STR).
Sunding, P., Blyttia 38(4): 181-188. 1980 (on C. Smith, pioneer botanist in the Cape Verde Islands).
Vallot, J., Bull. Soc. bot. France 29: 192, 205. 1882.
Warming, E., Bot. Tidsskr. 12: 102. 1880 (bibl.).
Wittrock, V.B., Acta Horti Berg. 3(2): 171. 1903.
Woodward, B.B., *in* G. Murray, Hist. BM(NH) 1: 48. 1904 (mss. biography).

EPONYMY: *Christiana* A.P. de Candolle (1824).

NOTE: The *Dagbok paa Reisen til de Canariska ǫer* i 1815 was published by F.C. Kiaer in 1889 as Christiania Vid.-Selsk. Forh. 1889(10), 74 p. The plants collected by C. Smith on that trip were described by L. von Buch, *Allgemeine Uebersicht der Flora auf den Canarischen Inseln*, Abh. K. Akad. Wiss. Berlin 1816-1817: 337-384. 1819. For notes on this publication see A. Hansen (1978) and G.L. Gonzalez (1982). – For Smith's activity as a botanist on the Cape Verde Islands see Sunding (1980).

12.190. Prof. C. Smith's *Dagbok paa en Reise til Congo i Afrika*. Christiania (Trykt hos Jacob Lehmann) 1819. Oct. (*Dagb. Reise Afrika*).
Publ.: 1819, portr. C. Smith, p. [i]-xviii, [1]-164, [165, err.]. *Copies*: HU, Yale Univ.
English version: *in* J.K. Tuckey, *Narrative of an expedition to explore the river Zaire*, usually called the Congo, in South Africa in 1816 ... London 1818, Qu., p. 227-336. – The plants collected by Smith are described in the Appendix 5: R. Brown, *Observations, systematical and geographical, on the herbarium collected by Prof. C. Smith*, in the vicinity of the Congo, p. 420-485. See under J.K. Tuckey.

Smith, Christo Albertyn (1898-1956), South African botanist; B.Sc. Stellenbosch 1920; high school teacher 1921-1924; with the Division of Botany, Pretoria 1925-1946; stationed at Royal Botanic Gardens, Kew, 1928-1931; Dept. of State Information 1946, information officer at Canberra 1954. (*C.A. Sm.*).

HERBARIUM and TYPES: PRE (4600), incl. note books; dupl. K, Zambian material at MPR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 290 (b. 26 Apr 1898); BJI 2: 167; Hortus 3: 1204; Lenley p. 298.

BIOFILE: Bullock, A.A., Bibl. S. Afr. bot. 1978 (bibl.).
Gunn, M. & L.E. Codd, Bot. expl. S. Afr. 325. 1981 (portr., brief biogr. sketch).
White, A. & B.L. Sloane, Stapelieae ed. 2. pref. 85, 535, 809. 1937.

NOTE: Posthumous publication of main work: *Common names of South African plants*, edited by E. Percy Phillips and Estelle van Hoepen, Botanical Survey of S. Africa, Memoir no. 35. Pretoria 1966 (see Taxon 16: 55-56. 1967), p. [i-v], [1]-642. *Copy*: FAS.

Smith, Christopher Parker (1835-1892), British bryologist; at Brighton and Hassocks (Sussex). (*Chr.P. Sm.*).

HERBARIUM and TYPES: His herbarium, which included that of Edward Jenner, is now unlocalized.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 290; BB p. 279; BM 4: 1943; CSP 8: 967, 11: 432; Desmond p. 566 (b. 13 Oct 1835, d. 15 Nov 1892).

BIOFILE: Anon., Bot. Not. 1893: 40 (d.).
Freeman, R.B., Brit. nat. hist. books 317. 1980.
G.M., J. Bot. 31: 31-32. 1893 (obit.).

12.191. *The moss flora of Sussex*; together with notes on the structure and reproduction of mosses, being an epitome of a paper read before the Brighton and Sussex Natural History Society, ... [Brighton] (published by the Brighton and Sussex Natural History Society) 1870. Oct. (*Moss fl. Sussex*).
Publ.: 1870, p. [1]-16, err. slip. *Copy*: LC.

Smith, Erwin Frink (1854-1927), American phytopathologist, mycologist and specialist on bacterial plant diseases; Dr. phil. Univ. Mich. 1889; with USDA, Washington D.C. 1886-1927 (pathologist Bureau of plant industry 1901; pathologist in charge ib. 1902-1927). (*E.F. Sm.*).

HERBARIUM and TYPES: BPI (micr. prep., specimens, notes, mainly on bacterial plant diseases); phanerogams at WIS. – *Letters* to Farlow at FH; other letters at GH.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 177, 347; Barnhart 3: 291 (b. 21 Jan 1854, d. 6 Apr 1927); BJI 2: 167; BM 4: 1944; Bossert p. 373; DAB 11: 262-263; DSB 12: 467-468; Hawksworth p. 186; Hirsch p. 278; Hortus 3: 1204; Kelly p. 257; LS 24979-25025, 39291-39309, suppl. 25830-25850; Moebius p. 413; Rehder 5: 804; SIA 7230; Stevenson p. 1258; TL-2/see E.D. Rodgers; Tucker 1: 655, 3: 286.

BIOFILE: Anon., Natl. Cycl. Amer. biogr. 20: 273-274. 1929; Who's who Amer. 3-15, 1901-1929; Who was who Amer. 1: 1140-1142. 1968.
Cattell, J.M., ed., Amer. men sci. ed. 1: 296. 1906, ed. 2: 435. 1910.
Ewan, J. et al., Short hist. bot. U.S. 47, 83, 84. 1969.
Humphrey, H.B., Makers N. Amer. bot. 234-236. 1961.
Jones, K.L., Michigan Academician 9(3): 277-279. 1977.
Jones, L.R., Biogr. Mem. Natl. Acad. Sci. 21(1): 1-71. 1939 (biogr., portr., bibl. by F.V. Rand).
Marquis, A.N., Who's who in America 4: 1648. 1906-1907.
Pfister, D.H., Taxon 31(3): 608. 1982 (corr. with Farlow).
Rand, F.V., Mycologia 20(4): 181-186. 1981 (obit., portr.).
Rodgers, A.D., Amer. bot. 129-130, 199, 288-293. 1944; Liberty Hyde Bailey 503 [index]. 1949; Erwin Frink Smith, a story of North American plant pathology, Philadelphia 1952, x, 675 p., (biogr., portr.), (Mem. Amer. philos. Soc. 31),(rev. Nature 171: 764. 1953).
Rosen, H.R., Mycologia 19: 292-293. 1927 (personal note).
Smith, E.F., J. Wash. Acad. Sci. 14(11): 231-238. 1924 ("Some thoughts on old age").
Stevenson, J.A., Taxon 4(8): 183. 1955 (mycol. coll. BPI).
True, R.H., Phytopathology 17: 675-688. 1927 (obit., portr., main bibl.).
Voss, E.G., Contr. Univ. Michigan Herb. 13: 72, 85-87. 1978 (early work on Mich. flora).
Whetzel, H.H., Outline hist. phytopath. 1918 (frontisp., portr., see index).

COMPOSITE WORKS: With C.F. Wheeler (senior author), *Cat. pl. Michigan*, 1881, see under Wheeler.

12.192. *The Botanical club checklist: a protest* ... Washington, D.C., July 22, 1895. Oct. (*Bot. club checkl.*).
Publ.: 22 Jul 1895, p. [1]-16. *Copy*: US. – A protest against N.L. Britton et al., *List of Pteridophyta and Spermatophyta growing without cultivation in Northeastern North America.* – Plan against the nomenclatural reforms of the N.L. Britton school and in favour of the stand by Ascherson, Engler, Schumann and Urban at Genoa to conserve widely used generic names.

Smith, Eugene Allen (1841-1927), American geologist and plant collector; A.B. Univ. Alabama 1862; at Berlin, Göttingen and Heidelberg 1865-1868; Dr. phil. Heidelberg 1868; LL.D. Univ. Mississipi 1899; with the Alabama Geological Survey 1868-1871; professor of mineralogy and geology Univ. Alabama from 1871; State geologist of Alabama from 1873. (*Eu.A. Sm.*).

HERBARIUM and TYPES: ALU; duplicates in MICH and US; see also under C.T. Mohr. The correspondence between C.T. Mohr and E.A. Smith is at the A.G. Gorgas Library, Univ. Alabama.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 291 (b. 27 Oct 1841, d. 7 Sep 1927); BM 4: 1944-1945, 8: 1204; DAB 9: 263-264; Merrill p. 565, 711; Morren ed. 10, p. 116; PH 81, 301, 567, 939; Rehder 1: 317; TL-2/6190, 6193, see C.T. Mohr; Tucker 1: 655.

BIOFILE: Anon., Natl. Cycl. Amer. biogr. 6: 185. 1896; Who's who Amer. 1-15, 1899-1929; Who was who Amer. 1: 1141. 1968.
Cattell, J.H., ed., Amer. men sci. ed. 1: 296. 1906, ed. 2: 435. 1910.
Elliott, C.A., Biogr. dict. Amer. sci. 238. 1979.
Marquis, A.N., ed., Who's who in America 4: 1649. 1906-1907.
Owen, D.D., History of Alabama 4: 1579-1580 (biogr. sketch, portr.).

Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1259. 1898, 4: 1404. 1904.
Wilson, J.G. & J. Fiske, eds., Appl. Cycl. Amer. biogr. 5: 563. 1888.

COMPOSITE WORKS: (1) See under C.T. Mohr for *Plant life of Alabama* 1901, TL-2/6193. (2) E.A. Smith collected the plants for C.T. Mohr, *Prelim. list pl. Alabama* 1880, TL-2/6190. – Reviewed Bull. Torrey bot. Club 7(6): 69. Jun 1880.

Smith, Frederick Porter (1833-1888), British medical missionary in Central China; MB Univ. London 1855; after his return to England medical practitioner at Shepton Mallett. (*F.P. Sm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 292; BM 4: 1945; Desmond p. 566; Herder p. 412; Jackson p. 381; MW p. 459; Rehder 3: 273; Tucker 1: 655.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 224: 270. 1964; Pharm. J. Trans. 18: 859. 1888.

12.193. *Contributions towards the materia medica & natural history of China.* For the use of medical missionaries & native medical students ... Shanghai (American Presbyterian Mission Press), London (Trübner & Co., ...) 1871. (*Contr. mat. med. China*).
Publ.: 1871 (p. vii: 30 Nov 1870), p. [i]-vii, [1]-237. *Copy*: LC.
Ref.: Hance, H.F., J. Bot. 11: 73. 1873 (criticism).

Smith, Frederick William (1797-1835), British botanical artist. (*F.W. Sm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 292; BM 4: 1945; Desmond p. 567 (b. 25 Aug 1797, d. 18 Jan 1835); DNB 18: 424; GR p. 76; NI 2: 269; PR 8730; TL-1/959, 1288; TL-2/7554.

BIOFILE: Britten, J., J. Bot. 56: 238. 1918 (on F.W. Smith and the Florist's Magzine).

COMPOSITE WORKS: Illustrator, J. Paxton, Mag. Bot., 1834-1835; R. Sweet, *Br. Flower Gard.* 1834-1835, artist.

12.194. *The florist's magazine*: a register of the newest and most beautiful varieties of florist's flowers ... London (published by Orr and Smith ...) [1834-] 1836. Oct. (*Florist's Mag.*).
Publ.: in parts (contents unknown) 1834-1836, p. [i]-vi, [1]-104, *47 pl.* (PR mentions 72 pl.). *Copy*: USDA.
Reissue: 1836, p. [i]-vi, *59 pl.* with text, index [1-4]. *Copy*: MO. See J. Bot. 1918: 238.
Issue of plates only: 1834-1836, p. [i*-ii*], frontisp., [i]-vi, [vii-viii], *58 pl.* (59 incl. frontisp.) with text. "*The florist's museum* a register ... flowers" s.d.
Note: our information is evidently incomplete.

Smith, George (1895-1967), British chemist and self-taught mycologist; M.S. Manchester 1918; with a firm of cotton manufaturers 1919; assistant London School of Hygiene and Tropical Medicine 1930-1961. (*G. Sm.*).

HERBARIUM and TYPES: CMI, K.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 112, 221, 308, 330, 347; Desmond p. 567; Hawksworth p. 186; Roon p. 105.

BIOFILE: Ainsworth, G.C., Mycologia 60(5): 991-993. 1968 (obit., portr., b. 15 Dec 1895, d. 29 Mar 1967).
Bisby, G.R., Trans. Brit. mycol. Soc., index 1896-1946, p. 22. 1952.

Onions, A.H.S., Nature 215: 109. 1967 (obit. not.), Trans. Brit. mycol. Soc. 50(3): 339-340. 1967 (obit., portr.).

EPONYMY: *Geosmithia* J.I. Pitt (1979).

12.195. *An introduction to industrial mycology* ... London (Edward Arnold & Co. Ltd.) [1939]. Oct. (*Intr. industr. mycol.*).
Ed. [*1*]: 1938 (p. iv, vi: Jul 1938), p. [i]-xii, 1-302. *Copy*: FH.
Ed. 2: 1942 (p. vi: Feb 1942), p. [i]-xii, 1-260. *Copy*: FH.
Ed. 3: 1946 (reprinted 1948) (p. viii: Mai 1945), p. [iii]-xiv, [xv], 1-271. *Copies*: Univ. Illinois, USDA.
Ed. 4: 1954 (p. viii: Dec 1953), p. [iii]-xiv, 1-378. *Copies*: Univ. Illinois, USDA.
Ed. 5: 1960, p. [i]-xvi, 1-399. *Copies*: GB, Univ. Illinois, USDA. – London (Edward Arnold Publishers Ltd.).

Smith, Gerard Edwards (1804-1881), British clergyman and botanist; BA Oxon. 1829; curate at Sellinge (Kent) 1829-1830; vicar at Cantley (Yorks.) 1844-1846; id. at Osmaston (Derby) 1854-1871. (*G.E. Sm.*).

HERBARIUM and TYPES: BM; further material at K and OXF. – *Letters* at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 292; BB p. 280; BM 4: 1946; Clokie p. 246; Desmond p. 567 (d. 21 Dec 1881); DNB 53(18): 43 (sic, as Gerard Edward S.); Herder p. 171; Hortus 3: 1204; IH 2: (files); Jackson p. 254; PR 8731, ed. 1: 9707; Rehder 1: 397; TL-2/3092; Tucker 1: 655; Zander ed. 11, p. 819.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2137. 1878.
Anon., Bot. Not. 1882: 30; Brit. Mus. gen. cat. print. books 224: 322. 1964; J. Bot. 20: 68. 1882, 21: 64. 1883 (herb. acquired by Univ. Coll., Nottingham).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 119.5. 1980.
Dawson, W.R., Smith letters 87. 1934.
Kent, D.H., Brit. herb. 79. 1857 (herb. BM).
Moore, S., Fl. Cheshire lxxxix. 1899.
Painter, W.H., Contr. Fl. Derbyshire 7. 1889.
Shaw, G.A., Naturalist 103(944): 31-33. 1978 (letters to John Barton).
Watson, H.C., Topogr. Bot. ed. 2. 556. 1883.

COMPOSITE WORKS: Preface to W.E. Howe, *Ferns Derbyshire* 1861, see TL-2/3092.

12.196. *A catalogue of rare or remarkable phaenogamous plants collected in South Kent*: with descriptive notices and observations, ... London (published by Longman, Rees, Orme, Brown and Green ...) 1829. (*Cat. pl. S. Kent*).
Publ.: 1829(p. 4: Feb 1829), p. [i-iii], [1]-78, *pl. 1-5* and 1 unnumb. (col. copp., pl. 2 and 5 by J. de C. Sowerby; others auct.). *Copies*: HH, MO, NY.

Smith, Gilbert Morgan (1885-1959), American botanist; B.S. Beloit Coll. 1907; Dr. sci. ib. 1927; Dr. phil. Wisconsin 1913; botanical assistant Univ. Wisconsin 1909-1910; instructor Pomona Coll. 1910-1911; assistant Univ. Wisconsin 1911-1912; instructor 1912-1917; assistant prof. 1917-1919; assoc. prof. 1919-1925; professor of botany, Stanford Univ. 1925-1950; in retirement at Palo Alto, Calif. (*G.M. Sm.*).

HERBARIUM and TYPES: GMS and DS. – *Letters* to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 292 (b. 6 Jan 1885); Biol.-Dokum. 17: 8736; BM 8: 1205; Bossert p. 373; Hirsch p. 279; IH 1 (ed. 6): 364, (ed. 7): 343, 2: (files); Lenley p. 378; NAF ser. 2. 6: 75; Roon p. 106; Tucker 3: 286.

BIOFILE: Anon., Natl. Cycl. Amer. biogr. 47: 260-261. 1965; Nat. Nov. 34: 340. 1912 (app. Madison); Taxon 32(1): 159. 1983 (on G.M. Smith herbarium); The New York

Times 14 Jul 1959, p. 29 (obit. not.; took part in post-atomic bomb survey Bikini 1947; Who's who Amer. 23-30. 1944-1959; Who was who Amer. 3: 795. 1960.
Cattell, J.M. et al., Amer. men sci. ed. 3: 637. 1921, ed. 4: 910. 1927, ed. 5: 1035. 1933, ed. 6: 1316. 1918, ed. 7: 1650. 1944, ed. 8: 2313. 1949, ed. 9: 1049. 1955.
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Koster, J.Th., Taxon 18: 557. 1969 (types DS).
Page, R.M., Science 130: 1693-1695. 1959 (obit., portr.).
Prescott, G.W., Bibl. Desmid. univ. 472. 1984.
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COMPOSITE WORKS: (1) With J.B. Overton et al., *A textbook of general botany*, New York (Macmillan & Co.) 1924. (First years course in botany at the University of Wisconson; revised ed. 1928, ed. 3, 1935).
(2) Smith wrote obituaries of Charles Elmer Allen (1872-1954) in Biogr. Mem. Natl. Acad. Sci. 29: 3-15. 1956 and of Douglas Houghton Campbell (1859-1953), ib. p. 45-63.

EPONYMY: *Gilbertsmithia* M.O.P. Iyengar (1975); *Smithiella* B.V. Skvortsov (1968); *Smithimastix* B.V. Skvortsov (1969, "Smithimasthix"); *Smithora* G.J. Hollenberg (1959).

12.197. *Tetradesmus*, a new four-celled coenobic alga ... Reprinted from the Bulletin of the Torrey Botanical Club ... 1913. Oct.
Publ.: Feb 1913, cover-t.p., p. 75-87. *Copies*: G, US. – Reprinted from Bull. Torrey bot. Club 40(2): 78-87. 18 Mar 1913 (issue for Feb).

12.198. *A monograph of the algal genus Scenedesmus*, based upon pure culture studies ... Reprinted from the Transactions of the Wisconsin Academy of Sciences, Arts and Letters, vol. xviii, part ii ... 1916. Oct.
Publ.: Dec 1916 (cover), cover-t.p., p.422-530, *pl. 28-33* (uncol.). *Copies*: FH, NY. – Reprinted and to be cited from Trans. Acad. Wisc. Acad. Sci. 18(2): 422-530, *pl. 28-33*. 1916.
Preliminary notice: Arch. Protistenk. 32: 278-297. 1914.

12.199. *A second list of algae found in Wisconsin Lakes* ... Reprinted from the Transactions of the Wisconsin Academy of Sciences ... December 1918. Oct.
Publ.: Dec 1918, cover-t.p., p. 614-654, *pl. 10-15* (uncol.). *Copies*: FH, NY, US. – Reprinted and to be cited from Trans. Wisc. Acad. Sci. 19(1): 614-654. Dec 1918. – The first list: *A preliminary list of algae found in Wisconsin lakes*, was published ib. 18(2): 531-565. 1916.

12.200. *Phytoplankton of the inland lakes of Wisconsin* ... Madison, Wis. (Published by the State) 1920-1924, 2 parts. Oct. *Oct.* (*Phytoplankt. lakes Wisconsin*).
1: 1920 (p. 3: Feb 1919), p. [i-iii], [1]-243, *pl. 1-51* (uncol.). – Wisc. geol. nat. Hist. Surv. Bull. 57 (sci. ser. 12). – Myxophyc., Phaeophyc., Heterok., Chlorophyc. (excl. Desmid.).
2: 1924 (p. iii: 12 Mai 1924), p. [i-iii], [1]-227, *pl. 52-88*. – Bull. Univ. Wisc. serial no. 1270. – Desmidiaceae.
Copies: B, BR, FH, G, MO, PH, US, USDA.

12.201. *The phytoplankton of some artificial pools near Stockholm* [Arkiv för Botanik 17(13). 1922]. Oct.
Publ.: shortly after 12 Jan 1922 (printed 12 Jan 1922; publication in volumes 15 Mai 1922; Nat. Nov. Apr 1922), p. [1]-8. *Copies*: B, G, U, US; IDC 8562 (139). – Ark. Bot. 17(13).

12.202. *The fresh-water algae of the United States* ... New York and London (McGraw-Hill Book Company, Inc.) 1933. Oct. (*Fresh-water alg. U.S.*).
Ed. 1: 1933 (p. vii: Apr 1933; MO rd 16 Jun 1933), p. [i]-xi, 1-716. *Copies*: B-S, BR, FH, MO, NY, PH, USDA. – Sixth impression, id. 1933.

Ed. 2: 1950 (p. [v]: Oct 1950), p. [i]-vii, 1-719. *Copies*: B, FH, G, PH, USDA. – New York, Toronto, London (id.) 1950. Oct.
Ref.: Fritsch, F.E., J. Bot. 72: 146-148. 1934 (rev.).

12.203. *Cryptogamic botany* ... New York and London (McGraw-Hill Book Company, Inc.) 1938, 2 vols. Oct. (*Crypt. bot.*).
Ed. 1: 1938. *Copies*: BR, FAS, FH, MO, MO-Steere, NY, PH, U, US, USDA.
1 (*Algae and fungi*): 1938 (p. v: Mar 1938; BR rd 17 Sep 1938), p. [i]-viii, 1-545.
2 (*Bryophytes and Pteridophytes*): 1938, p. v: Mar 1938; USDA rd 25 Mai 1938), p. [i]-vii, 1-380.
Ed. 2: 1955. *Copies*: B, BR, FH, MO, NY, US, USDA.
1 (id.): 1955 (USDA rd 9 Mar 1955), p. [i]-ix, 1-546.
2 (id.): 1955, p. [i]-vii, 1-399.
International student edition: s.d., as ed. 2, Tokyo (Kogakusha Company, Ltd.).

Smith, Hamilton Lanphere (1819-1903), American educator, physicist, astronomer, diatomologist and microscopist; A.M. Yale 1839; professor of astronomy and natural philosophy, Kenyon Coll. 1849-1867; professor of physics and astronomy at Hobart College, N.Y. 1867-1900; in retirement 1900-1903 at Yonkers, N.Y. and New London; LL.D. Trinity 1871. (*H.L. Sm.*).

HERBARIUM and TYPES: PH (orig.); exs.: *Diatomacearum species typicae*, cent. 1-6, nos. 1-600, suppl. nos. 601-650 (-700?) 1876-1888, sets at AWH, BM, CAHS, FH, NY, OS, PH, S, TALE, (further details: Sayre 1969, p. 99-100).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 292 (b. 5 Nov 1819, d. 1 Aug 1903); BM 4: 1946; Bossert p. 373; CSP 5: 724, 8: 970, 11: 435, 12: 689-690, 18: 805; De Toni 1: cxvii, 2: cviii-cix, cxxv, cxxviii; IH 1 (ed. 6): 364, (ed. 7): 343; ME 3: 657 [index]; Morren ed. 10, p. 126; NAF ser. 2. 6: 75; Nordstedt p. 29; TL-2/see L.A. de Brébisson.

BIOFILE: Anon., Amer. J. Sci. ser. 4. 16: 268. 1903 (d.); Natl. cycl. Amer. biogr. 12: 466. 1904; Science ser. 2. 18: 221. 1903 (d.); Torreya 3: 128. 1903 (d.); New York Times 2 Aug 1903; Who's who Amer. 2: 1047. 1901-1902; Who was who Amer. 1: 1142. 1968.
Deby, J., Bibl. microsc. microgr. Stud. 3, Diat.: 51. 1882.
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Freund, H. & A. Berg et al., Gesch. Mikroskopie 21, 39, 220, 357. 1963.
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Leonard, J.W., ed., Who's who in Amer. 2: 1047. 1901-1902.
Poggendorff, J.C., Biogr. lit. Handw.-Buch 3: 1258. 1898, 4(2): 1404. 1904 (bibl.).
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Wilson, J.G. & J. Fiske, eds., Appl. Cycl. Amer. biogr. 5: 566. 1888.

COMPOSITE WORKS: *The Annals of Science* ... conducted by H.L. Smith, vols. 1-2 (no. 5), 1852-1854.

12.204. *Synopsis des familles et des genres des diatomées*, par le professeur Hamilton L. Smith, ... traduit par le Dr Henri Van Heurck. Bruxelles (imprimerie de L. Boulard et V. Havaux, ...) 1878. Oct. (*Syn. fam. genr. diat.*).
Publ.: 1878 (date on cover t.p.), cover-t.p., p. [1]-55. *Copies*: US, USGS. – Reprinted from H. Van Heurck, Le microscope, ed. 3, 1878. – For original publication, *Conspectus of the families and genera of the Diatomaceae*, see The Lens (Quart. J. microsc. allied nat. Sci.) 1(1): 1-19. Jan 1872 (*copy*: FH) and subsequent publications in The Lens.

12.205. *A contribution to the life-history of the Diatomaceae* ... Reprinted from the Proceedings of the Amer. Soc. Microsc. 1886-1887. 2 parts. Oct.

1: 1886, cover, [i-iii], [1]-37, *pl. 1-5* (col.). – Reprinted and to be cited from Proc. Amer. microsc. Soc. 1886: 30-66. *pl. 1-3*.
2: Sep-Dec 1887, cover, [i], [39]-80, *pl. 1-6* (col.). – Id. 1887: 126-167, *pl. 1-6*. 1887.

Smith, [Karl August] Harald ("Harry"), 1889-1971, Swedish botanist; Dr. phil. Uppsala 1920; lecturer plant biology 1920; travelled in China 1921-1924 and 1934-1935; curator Uppsala 1926; from 1947 superintendent of the Botanical Museum. (*Ha. Sm.*).

HERBARIUM and TYPES: GB (China 3.170, Sweden 600), S, UPS (main coll.); further material at A, BM, C, E, GB, H, K, L, LD, M, MO, RM, TIE. – See Acta Hort. Gotob. Index vols. 1-28: 26-27. 1967 for a list of papers based on the Chinese collections of Harry Smith. – *Letters* and other manuscript material at Uppsala University Library and UPS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 294; BJI 2: 167; BL 2: 525, 531, 549, 717; BM 8: 1205; Bossert p. 374; Hirsch p. 279; IH 1 (ed. 6): 364, (ed. 7): 343, 2: (files); Kleppa p. 177; KR p. 654-655 (b. 22 Dec 1889); MW p. 459, suppl. p. 326; TL-1/480; TL-2/2364, 2366, see J.A. Nannfeldt; Zander ed. 10, p. 718, ed. 11, p. 819.

BIOFILE: Anon., Bot. Not. 1923: 304, 1934: 183, 1935: 178.
Fries, R.E., Short hist. bot. Sweden 46, 72. 1950.
Lindman, S., Sv. män kvinnor 7: 111. 1954 (obit., portr.).
Osvald, H., *in* R.E. Fries, Short hist. bot. 140. 1950.

COMPOSITE WORKS: Collaborator H. v. Handel-Mazetti, *Symb. sin.* 1929-1937, see TL-2/2364.

EPONYMY: *Harrysmithia* H. Wolff (1927).

12.206. *Vegetationen och dess utvecklingshistoria i det centralsvenska högfjällsområdet.* Akademisk afhandling som med tillstånd af vidtberömda filosofiska fakultetens i Upsala matematisk-naturvetenskapliga sektion för vinnande af filosofie doktorsgrad till offentlig granskning framställes å växtbiologiska institutionen tisdagen den 25 maj 1920 kl. 10. f.m. ... Uppsala (Almqvist & Wiksells boktryckeri-A.-B.) 1920. Oct. (*Veg. centralsv. högfjällsomr.*).
Publ.: 1-25 Mai 1920, p. [i-iii], [1]-238. *Copy*: USDA. – For further literature see BL 2: 525.

Smith, Henry (*fl.* 1810), British physician and botanist at Salisbury infirmary. (*He. Sm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 293; BM 4: 1946; Desmond p. 567; Jackson p. 259; NI 1856; Plesch p. 409; PR 8732; Rehder 1: 396; Sotheby 705; Tucker 1: 655.

12.207. *Flora sarisburiensis*: a repository of English botany, both general and medical; being an accurate delineation from nature of English plants, with their uses in medicine, the arts, and agriculture; with the classes, orders, natural orders, genera, species, etymologies, habitats, descriptions, and uses ... Salisbury (printed by Brodie and Dowding) [1817]. Oct. (*Fl. Sarisb.*).
Publ.: 1817 (p. vii: 1 Jan 1817: *pl. 1*, publ. 1 Jan 1817, *pl. 30*, publ. 1 Mai 1817), p. [i]-vii, [ix-x], *pl. 1-19*, [*20 as "6"*], *21-30* (col. copp. T.R. Guest) with text; errata slip. – *Copies*: HH, NY. – *pl. 20* lacking in NY copy, but mentioned to be present in other copies).

Smith, Henry (*fl.* 1857), Superintendent of the Government Press, Madras. (*He. Sm., Madras*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1946; NI 1857.

BIOFILE: Fischer, E., Gutenberg Jahrb. 1933: 213 (no. 100, cites 100 pl.).
Hall, N., Botanists of the Eucalypts 118-119. 1978.

12.208. *Specimens of nature printing from unprepared plants*, etc., etc. by Henry Smith supt. of the Government Press, Madras. Madras (printed and published by H. Smith, at the Fort Saint George Gazette Press) 1857. Fol. (*Specim. nat. pr. pl.*).
Publ. : 1857, p. [i], 99 nature printed pl. [all but last 2, of plants). *Copy*: NY. – The BM copy is also listed with 99 pl.; Fischer mentions *100 pl.* and saw the copy at NY and a copy of his own.

Smith, Henry George (1852-1924), British phytochemist; to New South Wales 1883; employment at the Sydney Technological Museum 1883; laboratory assistant ib. 1891, collaborating with J.H. Maiden on the chemistry of Australian plants, especially on the essential oils of the Eucalypts; from 1899-1921 assistant curator and economic chemist at the museum; from 1921-1924 associated with the Dept. of Organic Chemistry, Univ. Sydney. (*H.G. Sm.*).

HERBARIUM and TYPES: Some material at MEL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 293; BM 4: 1946; Desmond p. 568 (d. 19 Sep 1924); Hortus 3: 1204; HR; Tucker 1: 655, 2: xxv, 3: 286; Zander ed. 11, p. 819.

BIOFILE: Anderson, C., J. Proc. R. Soc. N.S.W. 59: 11-12. 1926 (obit.).
Anon., Austral. Encycl. 8: 149-150; Nature 114: 547. 1924 (obit. not.), 170: 736-737. 1952 (centenary of birth; biogr. not.).
Cambage, R.H., Proc. Linn. Soc. N.S.W. 50(1): 8. 1925 (obit.).
Mellor, D.P., Proc. R. Austral. chem. Inst. 27: 309-316. 1960 (pioneer Austral. phytochemistry).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 4: 2478. 1904 (b. 26 Jul 1852, d. 19 Sep 1924).
Serle, P., Dict. Austral. Biogr. 2: 332-333. 1949.

12.209. *A research on the Eucalypts* especially in regard to their essential oils ... Sydney (William Applegate Gullick, ...) 1902. Qu. (*Res. Eucalypts*).
Senior author: Richard Thomas Baker (1854-1941).
Publ.: 1902 (p. vii: Jun 1902), frontisp., p. [i]-xi, err. slip, [1]-295, *pl. 1-9* and 35 unnumbered *pl. Copies*: NSW(2). – Technical Education Series, no. 13, Technological Museum, New South Wales.
Ed. 2: 1920 (p. viii: Nov 1920), frontisp., p. [i]-xv, [1]-470, *pl. 1-84* (col. microphot.). *Copy*: NSW. – Technical education series no. 24, id.

12.210. *A research on the pines of Australia* ... Sydney (William Applegate Gullick, government printer) 1910. Qu. (*Res. pines Australia*).
Senior author: Richard Thomas Baker (1854-1941).
Publ.: 1910 (p. viii: Jun 1910), frontisp., p. [i]-xiv, [1]-458, *28 pl.* (col. microphot.). *Copy*: NSW. – Technical Education Series, no.16, Technological Museum, New South Wales.

Smith, Herbert Huntington (1852-1919), American botanical and zoological collector; studied at Cornell Univ. 1868-1872; collected in Brazil 1870, 1873-1877, 1878, 1881-1885, in Mexico 1888, in the West Indies 1889-1893; with the Carnegie Museum, Pittsburgh, 1896-1898 and 1902-1903; in Columbia 1898-1902; in Alabama 1903-1908; curator of the museum of the Alabama Geological Survey 1910-1919. (*H.H. Sm.*).

HERBARIUM and TYPES: Material at A, B (mainly destr.), BM (St. Vincent), BPI, BR, CAL, CM, COL, E, F, G, GH, K, L, LE, MO, NY (incl. first set Santa Marta,

Colomb.), O, OXF, R, P, PH, S, U, UC, US, VT, W. *Field notes* (Santa Marta-Columbia) at CM, F, NY. – H.H. Smith is estimated to have collected over 500.000 specimens (bot. and zool.). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 293 (b. 21 Jan 1852, d. 22 Mar 1919), BJI 2: 167; Clokie p. 246; IH 1 (ed. 6): 364, (ed. 7): 343, 2: (files); PH 98, 150, 939; SIA 7134; Urban-Berl. p. 314, 398.

BIOFILE: Anon., Fern Bull. 6(3): 59-60. 1898 (on Santa Marta Exp., Colomb.); Who was who Amer. 4-12, 1906-1923; Who was who Amer. 1: 143.
Cattell, J.M., Amer. men sci. ed. 2: 436. 1910.
Holland, W.J., Science ser. 2. 49: 481-483. 1919 (obit.; killed by being run over by a freight train), Entom. News 30(8): 210-214. 1919 (obit., portr.).
Marquis, A.N., Who's who in America 4: 1653. 1906-1907, 11 (1919-1912), 12: 2854. 1922-1933.
Osborn, H., Fragm. entom. hist. 230, 359. 1937.
Papavero, N., Essays hist. neotrop. dipterol. 1: 377-386. 1975, 2: 277-386, 413, 414, 416. 1973.
Sayre, G., Mem. New York Bot. Gard. 19(3): 400. 1975 (bryol. coll. with G.W. Smith).
Stieber, M.T., Huntia 3(2): 125. 1979 (notes in A. Chase coll.).
Urban, I., Symb. ant. 3: 131. 1902.

12.211. *Brazil* the Amazons and the coast ... London (Sampson Low, Marston, Searle, and Rivington ...) [1880]. Oct. (*Brazil*).
Publ.: 1880 (p. ix: 1 Dec 1879 "Brooklyn, N.Y." sic; t.p. undated), p. [i]-xv, map, [1]-644. *Copy*: Wurdack.

Smith, Huron Herbert (1883-1933), American botanist; B.S. De Pauw Univ. 1905; at Cornell Univ. 1905-1907; dendrologist Field Mus., Chicago, 1907-1917, asst. curator of botany 1911-1917; curator of botany of the Milwaukee Public Museum 1917-1933. (*Hu.H. Sm.*).

HERBARIUM and TYPES: MIL; further material at A, B (extant), F, GH, US. – *Field notes* at F and MIL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 293 (b. 26 Jul 1883, d. 25 Feb 1933); BL 1: 222, 223; BM 8: 1206; Tucker 3: 286.

BIOFILE: Anon., Science ser. 2. 77: 276. 1933 (obit. not., killed by a passenger train); Who's who Amer. 17-18, 1932-1935; Who was who Amer. 1: 1144. 1968.
Cattell, J.M., ed., Amer. men sci. ed. 2. 437. 1910, ed. 3: 638. 1921, ed. 4: 911. 1927.
Mohlenbrock, R.H., Ann. Miss. bot. Gard. 69: 391. 1982.

12.212. *Ethnobotany of the Menomini Indians* ... Milwaukee, Wis. (Published by order of the Board of Trustees) 1923. Oct. (*Ethnobot. Menomini Indians*).
Publ.: 10 Dec 1923, cover, p. [1]-174, *pl. 1-36*. *Copies*: FH, US. – Issued as Bull. Publ. Mus. City Milwaukee 4(1): 1-174, *pl. 1-36*. 10 Dec 1923. – Smith was made a member of the Menomini (Menominee) tribe.

12.213. *Ethnobotany of the Meskwaki Indians* ... Milwaukee, Wis., U.S.A. (Published by order of the Board of Trustees) 1928. Oct. (*Ethnobot. Meskwaki Indians*).
Publ.: 7 Apr 1928, p. [175]-326, *pl. 37-46*. *Copy*: US. – Published as Bull. Publ. Mus. Milwaukee 4(2). 1928.

12.214. *Mushrooms of the Milwaukee Region* ... Milwaukee, Wis. (published by order of the Board of Trustees) 1931. (*Mushrooms Milwaukee*).
Publ.: Jun 1931, cover, p. [1]-87, [89, col. chart]. *Copies*: FH, US. – Milwaukee Public Museum Field Guide no. 1, Botanical series.

12.215. *Ethnobotany of the forest Potawatomi Indians* ... Milwaukee, Wis., U.S.A. (published by order of the Board of Trustees) 1933. Oct. (*Etnobot. Potawatomi Indians*).
Publ.: 9 Mar 1933, p. [1]-230, frontisp., *pl. 1-38. Copy*: US. – Issued as Bull. Publ. Mus. Milwaukee 7(1), 1933.

Smith, James Edward (1759-1828), British botanist; studied medicine in Edinburgh and Leiden; purchased the Linnaean herbarium in 1784; Dr. med. Leiden 1786; founded the Linnean Society 1788 (president 1788-1828), knighted 1814. (*Sm.*).

HERBARIUM and TYPES: LINN (incl. corr. and libr.); other material from his herbarium (many collectors) in H-Ach (lich.), B-Willd., BM, DBN, H, LIV, MANCH, OXF, P-JU, PH, UPS-Thunberg. – The Smith herbarium was bought by the Linnean Society from the Smith estate in 1829 at £3000 (see e.g. Bicheno, 1828); the herbarium is available on microfiche (IDC 5073); Index to the Smith Herbarium by S. Savage on IDC 5074. – The herbarium consists mainly of material by others; it incorporates e.g. the herbaria of Linnaeus f. (1741-1783, 3573 specim.), the East Anglian herbarium of Hugh Rose (1717-1792), the Swiss herbarium of Edmund Davall (1763-1798) a Nepal herbarium of Francis Buchanan-Hamilton (1762-1829) (Inf. W.T. Stearn); below we list the main collectors represented in the Smith herbarium. For British collections see Kent & Allen (1984). – *Letters* at G, LINN.

LIST OF COLLECTORS IN SMITH HERBARIUM AT LINN
The following collectors are represented in the Smith herbarium (LINN) according to Dawson's account of the Smith correspondence:
Rev. Charles Abbott (England), Erik Acharius (lichens, Finland), Adam Afzelius (Sierra Leone), Carlo Allioni (Italy), George Annesley (miscellaneous, also plants from other collectors), George Arnold Walker Arnott (Europe), John Baldwin (England), Sir Joseph Banks (miscellaneous), J. Beattie (Scotland), Carolo Antonio Ludovico Bellardi (Italy), Jacob Bigelow (New England), Rev. William Bingley (Wales), Francis Boott (New England), William Borser (England), John Bostock (England), James Brodie (Scotland), Pierre Marie Auguste Broussonet (Spain), R. Brown (Australia), A. Bruce (Scotland), W. Brunton (England), Francis Buchanan-Hamilton (India), Rev. Thomas Butt (England), Andrew Caldwell (Cape, collected by?), Antonio José Cavanilles (plants from Madrid garden), Rev. Edward Daniel Clarke (misc. collected by others), George W. Clinton (New York State), Henry C.M. Cox Baudah, Rev. William Beeston Coyle (Great Britain), Sir Thomas Gery Cullum (Great Britain), Jean Pierre Marie Dana (Italy), Edmund Davall (Smith received plants from Davall from Switzerland during the latter's lifetime and later inherited Davall's entire herbarium), Rev. Hugh Davies (Great Britain), Sophia Lady de Clifford (miscellaneous, e.g. plants from [the collector] Bulstrode), Etienne Delessert (Europe), Adrien Raffeneau Delile (Egypt), René-Louiche Desfontaines (North Africa), Ippolyto Durazzo (Italy), Friedrich Ehrhart (Germany), Sir Robert Townsend Tarquhar (Mauritius), Edward Forster (England), Thomas Furly Forster (England), Sir Thomas Frankland (England), [J. Fraser (Newfoundland) no correspondence], Sir Thomas Frankland Gage (England, Italy), Samuel Goodenough (England), Antoine Gouan (S. France), Robert Kaye Greville (Scotland), Nicholas Gwyn(England, plants ever received by S.?), Thomas Hardwicke (India), Richard Hare (England), Rev. John Harriman (England), Rev. Thomas Dix Hincks (Ireland), Sir William Jackson Hooker (Great Britain), Friedrich Heinrich Alexander, Baron von Humboldt (musci not mentioned in corr.), Lady Amelia Hume (England), Henriette, Comtesse de Itzenplitz (Siberia, collected by Marianne Johnes (Wales)), Antoine-Laurent de Jussieu (probably plants from Paris garden), John Leonard Knapp (England), Thomas Andrew Knight (England), John Theodore Koster (Portugal), Jacques Julien Houton de la Billardière (cryptogams, Australia), John Latham (England), Charles Louis L'Héritier de Brutelle (miscellaneous plants sent for determination, mainly from Paris gardens), Heinrich Friedrich Link (Portugal), Robert Lyall (England), William George Maton (England), Archibald Menzies (voyage Vancouver not in corr.?), Gotthilf Heinrich Ernst Muehlenberg (Pennsylvania), Heinrich Adolf Nochden (Germany), Christiaan Hendrik Persoon (France), John Pitchford (England), Richard Pulteney (misc.), Constantino Samuel Rafinesque Schmaltz (30 Mar 1811 "will send Sicilian plants", ever sent?), William Robertson

(England), Hugh Rose (England; plants not mentioned in Dawson), Rev. John Peter Rottler (India), William Roxburgh (India), John Russell (England), Rev. Thomas Salwey, Heinrich Adolf Schrader (Germany), William Sole (England), John Stackhouse (England), Rev. John Stuart (England), Olof Swartz (W. Indies and misc. pl. from his herb.), Andrée Thouin (mainly seeds from Paris garden), Carl Peter Thunberg (Cape, misc. pl. from his herb.), Dawson Turner (England), Sir William Turner (England), Walter Wade (Ireland), Nathaniel Wallich (India, Indonesia), Mary Watson-Wentworth (misc.), Carl Ludwig Willdenow (misc.), Nathaniel John Winch (Engand), William Withering (England), Thomas Jenkinson Woodward (Scotland), Thomas Woollgar (England).

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COMPOSITE WORKS: (1) Smith contributed 3045 botanical articles and biographies of botanists to Rees' *Cyclopaedia* (see above under Abraham Rees (1802-1820)), after the letter C; most entries are marked "S.").
(2) See under J. Sibthorp for *Florae graecae prodromus* (1806-1813) and *Flora graeca* (1806-1840) of which the major part of the text was provided by J.E. Smith.

EPONYMY: × *Smithara* L.A. Garay et H.R. Sweet (1966); × *Smithara* L.A. Garay (1972); *Smithia* J.F. Gmelin (1791); *Note*: *Smithia* Scopoli (1777, *nom. rej.*) and *Smithia* W. Aiton (1789, *nom. cons.*) very likely also commemorate J.E. Smith, but no etymology was given.

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NOTE: No complete *bibliography* of Smith is available. Such a bibliography would be quite sizeable because it would have to comprise not only all publications in bookform but also the many contributions to journals, all entries in Rees' Cyclopaedia, as well as entries in books by other authors and translators.

12.216. *Reflexions on the study of nature.* Translated from the Latin of the celebrated Linnaeus ... London (printed for George Nicol, ...) 1785. Qu. (*Refl. stud. nat.*).
Publ.: Jun 1785 (p. viii: 1785; Smith, Mem. corr. 1: 137. 1832), p. [i]-viii, [1]-40. *Copies*: HH, MO. – SO 1091. – The translation is of the preface to C. Linnaeus, *Museum S.R.M. Adolphi Friderici Regis*, 1754 (SO 1885). – The identity of the translator [J.E. Smith] is clear from the preface p. iii. "The Linnaean library coming into the possession of the Translator" and from Lady Smith's biography.
Other ed.: Apr 1786, p. [i]-xi, [1]-40. *Copy*: NY. – Issued as the first part of *Reflections on the study of nature*; and a dissertation on the sexes of plants translated from the Latin of Linnaeus, Dublin (printed by L. White). Oct. – SO 1092. See also SO 1093, 2117, 2127a.
Other ed.: in *Tracts nat. hist.*, 1798, p. 1-46.

12.217. *A dissertation on the sexes of plants* translated from the Latin of Linnaeus ... London (printed for the author, and sold by George Nicol, ...) 1786. Oct. (*Diss. sexes pl.*).
Publ.: Apr 1786 (p. xv: Mar 1786; Smith, Mem. corr. 1: 146. 1832), p. [i]-xv, [1]-62. *Copies*: E, KU, MO, NY. – A translation of C. Linnaeus, Disquisitio de quaestione ... *Sexum plantarum argumentis et experimentis novis*, ... Petropoli 1760 (*Sex.pl.*), SO 2115.
Other ed.: Apr 1786, p. [i]-xiii, [1]-62. *Copy*: NY, as second part of Reflections on the study of nature; and *a dissertation on the sexes of plants* ... Dublin (printed by L. White, ...) 1786. Oct. – SO 1092, 2117a.

12.218. *Disputatio physiologica inauguralis quaedam de generatione complectens.* Quam, annuente summo numine, ex auctoritate rectoris magnifici, ... nec non amplissimi Senatus academici consensu, & nobilissime Facultatis medicae decreto, pro gradu doctoratus, summisque in medicina honoribus & privilegiis rite ac legitime consequendis, eruditorum examini submittit Jacobus Eduardus Smith, anglus ... Ad diem xv. Julii [1786] H.L.Q.S. ... Lugduni Batavorum (apud Fratres Murray) 1786. Qu. (*Disput. generat. compl.*).
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12.219. *Reliquiae rudbeckianae*, sive camporum elysiorum libri primi, olim ab Olao Rudbeckio patre et filio, Upsaliae anno 1702 editi, quae supersunt, adjectis nominibus linnaenis. Accedunt aliae quaedam icones caeteris voluminibus rudbeckianis aut destinatae, aut certe haud omnino alienae, hactenus ineditae, Cura Jacobi Edwardi Smith. Londini (impensis editoris) 1789. Fol. (*Reliq. rudb.*).
Original authors: Olaus Johannis Rudbeck (1630-1702) and Olaus Olai Rudbeck (1660-1740), see TL-2/4, p. 968-970.
Publ.: Apr-Mai 1789 (Stafleu 1963), p. [i-vii], *pl. 1-35* (woodcuts, texts and ills. combined). *Copies*: BR, E, G, MO, NY; IDC 5742. – See also SO 734, add. 732.

12.220. *Plantarum icones hactenus ineditae*, plerumque ad plantas in herbario linnaeano conservatas delineatae. Auctore Jacobo Edwardo Smith, M.D. ... Londini [London] (Typis J. Davis: ...) 1789-1791, 3 fasc. Fol. (*Pl. icon. ined.*).
Publ.: in three fascicles (for details on dates see Stafleu 1963). *Copies*: B, E, G, H, HU, MICH, MO, NY, U, USDA; IDC 5485. – For a detailed bibl. analysis see HU 708. *1*: Apr-Mai 1789, p. [i]-vi, [vii], *pl. 1-25* with text (uncol. copp.).

2: 1-24 Mai 1790, p. [i]-vi, [vii], *pl. 26-50* (id.).
3: Mai-Oct 1791, p. [i-vii], *pl. 51-75* (id.).

12.221. *English botany*; or, coloured figures of British plants, with their essential characters, synonyms, and places of growth. To which will be added, occasional remarks ... London (printed for the author by J. Davis, ...) 1790-1814. 36 vols. Oct. (*Engl. bot.*).
Authorship: James Sowerby (1757-1822) was the publisher and the artist; all botanical text, however, is by J.E. Smith [except that for *pl. 16-18* by George Shaw]. Smith's name appears on the title page only from vol. 4 onwards. Sowerby is referred to in the imprints as author (vols. 1-4), editor (vols. 5-6), or proprietor (vols. 7-36). The book appeared in 267 numbers; the plates are dated and these dates may be taken as the approximate dates of publication in accordance with the legal requirements of the period; the dates are, however, not absolute proof of effective publication (see e.g. Wiltshear, J. Bot. 53: 35. 1915). See also Henrey 1366. – The plates are coloured copper engravings by James Sowerby.
Copies: DBN, G, GB, H-UB, HH, MO, NY(2), PH, Teyler, U, USDA.
1: 1 Nov 1790-Nov 1792 (t.p. 1790), p. [i]-iv, [v], *pl. 1-72* (all plates in the work were colored copper engr. accompanied by text), [1, 3, 5, indexes].
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8: 1 Nov 1798-1 Apr 1799 (t.p. 1799), p. [i], *pl. 505-572*, p. [1, 3, 5, indexes].
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14: 1 Oct 1801-1 Apr 1802 (t.p. 1802), p. [i], *pl. 937-1008*, p. [1, 3, 5, indexes].
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16: 1 Oct 1802-1 Apr 1803 (t.p. 1803), p. [i], *pl. 1081-1152*, p. [1, 3, 5, indexes].
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18: 1 Nov 1803-1 Apr 1804, (t.p. 1804), p. [i], *pl. 1231-1302*, p. [1, 3, 5, indexes]. – "printed by R. Taylor, ..."
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24: 1 Oct 1806-1 Apr 1807, (t.p. 1807), p. [i], *pl. 1657-1728*, p. [1, 3, 5, indexes].
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26: 1 Oct 1807-1 Apr 1808, (t.p. 1808), p. [i], *pl. 1801-1872*, p. [1, 3, 5, indexes].
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29: 1 Mai 1809-1 Nov 1809, (t.p. 1809), p. [i], *pl. 2017-2088*, p. [1, 3, 5, indexes].
30: 1 Nov 1809-1 Jun 1810, (t.p. 1810), p. [i], *pl. 2089-2160*, p. [1 3, 5, indexes], [1-2, corr. text for earlier plates].
31: 1 Jun 1810-1 Jan 1811, (t.p. 1810), p. [i], *pl. 2161-2232*, p. [1, 3, 5, indexes].
32: 1 Jan 1811-1 Jul 1811, (t.p. 1811), p. [i], *pl. 2233-2304*, p. [1, 3, 5, indexes].
33: 1 Jul 1811-1 Feb 1812, (t.p. 1812), p. [i], *pl. 2305-2376*, p. [1, 3, 5, indexes].

34: 1 Feb 1812-Aug 1812, (t.p. 1812), p. [i], *pl. 2377-2448*, p. [1, 3, 5, indexes].
35: 1 Aug 1812-1 Mar 1813, (t.p. 1813), p. [i], *pl. 2449-2520*, p. [1, 3, 5, indexes].
36: 1 Mar 1813-1 Mar 1814 (t.p. 1814), p. [i], *pl. 2521-2592*, p. [1, 3, 5, indexes], [i]-vi (dated 20 Sep 1814), general indexes: syst.: [1-23, err. slip]; alph. [1-21], engl. names [1-22], fungi [1-6]. – "printed by Richard and Arthur Taylor, ..."

Note on vol. 2: the copy at G has a t.p. mentioning J.E. Smith as the author of the occasional remarks; the title page is dated 1793, but according to Henrey, such copis have watermarks dated 1797.

General indexes to vols. 1-6: 1798, p. [i]-xxiii. *Copy*: MO. – "General indexes to the first six volumes of English botany; to which is prefixed, a list of books quoted throughout those volumes. By James Edward Smith, ..." London (printed for the editor by J. Davis, ...) 1798. Oct.

General indexes 1-36: see above under vol. 36; also issued separately, p. [i]-vi (30 Sep 1814), [1-23, syst.], [1-21, alph.], [1-22, Engl.], [1-6, fungi]: "General indexes to the thirty-six volumes of English botany; to which is added, an alphabetical index to English fungi; making together, a catalogue of indigenous british plants". London (published by James Sowerby ...) 1814. *Copies*: MO, NY, U. – Henrey 1367.

Specimens: When specimens are present in the Smith herbarium at LINN the citation in *English botany* includes notations such as "our specimen" or "specimens have been sent by" (see T. O'Grady, *in* D.G. Horton, Taxon 30: 801. 1981).

Plates: see F.N.A. Garry, *Notes on the drawings for English Botany*, 276 p., 1903, issued as supplement to J. Bot. 41, 1903.

Supplement vol. 1: 1 Aug 1829-1 Apr 1831, p. [i-viii], *pl. 2593-2692* with text, indexes [v]-x, [1, errata]. *Copies*: G, HU, MO, NY, PH, U. "*Supplement to the English botany* of the late Sir J.E. Smith and Mr. Sowerby. The descriptions, synonyms, and places of growth by William Jackson Hooker, ... and other eminent botanists; the figures by James de Carle Sowerby, ... vol. 1. London (sold by J.D.C. and C.E. Sowerby, ...) 1831. Oct.

Suppl. vol. 2: 1 Jun 1831-1 Jan 1835, p. [i]-x, [xi, err.], *pl. 2693-2796*, with text. *Copies*: G, HU, MO, NY, PH, U. "Supplement ... vol. ii". London (sold by the proprietor C.E. Sowerby, ...) 1834. Oct.

Supplement vol. 3: 1 Mai 1837-1 Mar 1843, p. [i-viii], *pl. 2797-2867*. *Copies*: G, HU, NY.

Supplement vol. 4: 1 Mar 1843-1 Mai 1849, p. [i]-iv, [v-xi]; *pl. 2868-2960*. *Copies*: G, HU, NY. – London (sold by the proprietor, J.W. Salter, ...) 1849.

Supplement vol. 5: Aug 1863-Jun 1866, *pl. 2961-2998* (rarely with *pl. 2995*, Orchis mascula, dated Jun 1866. A note by S.A.S. in Bull. misc. Inf., Kew 1910: 67 mentions text and plates *2996-2998* and text for *2999* in the Kew copy. – For further details see e.g. Henrey no. 1368. – Suppl. 1-4 and 5 pp. IDC 7727. The HU copy has original wrappers:

77: 31 Aug 1863, err. slip, p. [i-iv], 6 text lvs., *pl. 2961-2962*, *2965-2969*, dated 1 Aug 1863.

78: Nov 1863, 8 text lvs., *pl. 2970-2974* dated 1 Aug and 1 Nov 1863.

79: Apr 1864 (as of Feb), 4 text lvs., *pl. 2975-2980*, dated 1 Nov 1863 and 1 Feb 1864.

80: Aug 1865, 6 text lvs., *pl. 2963*, *2981-2982*, *2984-2986*, dated May and August 1864.

81: Feb 1865, 6 text lvs., *pl. 2964*, *2983*, *2987*, *2989* dated Aug 1863, Aug 1864, Nov 1864, Nov 1, 1864 respectively, errata slip, stating that *2886* was omitted in no. 77 (actually this was *2964*): "the irregularity is at present unavoidable. J.W.S."

82: Jun 1865 (as of Mai 1865), text lvs., *pl. 2988*, *2990-2995*, nos. 2988, 2990, dated Feb 1865, 2991-2994 Mai 1865, 2995 undated. – p. 3 of the wrapper gives precise dates of publication of fasc. 77-82, here used.

83: Jun 1866, 5 text lvs., *pl. 2996-2998*, dated Jun 1866 (2996) and 1 Mai 1866. – Has text for *pl. 2999* (copies of this fascicle are known from HU and K).

84: inside back wrapper of no. 83: "No. 84 (double number) will appear at Christmas or before that time. – This fascicle was not published.

Ed. 2: 1832-1846, "The second edition, arranged according to the Linnaean method, with the descriptions shortened, and occasional remarks added ..." London (printed for the proprietor C.E. Sowerby). Oct., 12 vols., *pl. 1-2580* and 175 suppl. pl. with text. For further details see Henrey 1369. *Copies*: HH (analysis below, 169 suppl. pl.), MAF.

1: 1832, p. [i]-v, [7]-87, [88, err.], *pl. 1-193* and *25* suppl. pl.

2: 1835, p. [i], [1]-85, *pl. 194-378* and *18* suppl. pl.

3: 1836, p. [i], [1]-105, *pl. 379-579* and *19* suppl. pl.
4: 1837, p. [i], [1]-81, [82], *pl. 580-745* and *24* suppl. pl.
5: 1838, p. [I], [1]-126, *pl. 746-982*, and *12* suppl. pl.
6: 1839, p. [i], [1]-106, *pl. 983-1192* and *22* suppl. pl.
7: 1840, p. [1], [1]-132, *pl. 1193-1407* and *44* suppl. pl.
8: 1841, p. [i], [1]-137, [138], *pl. 1408-1629* and *1 suppl. pl.*
9: 1842, p. [i], [1]-118, *pl. 1630-1892.*
10: 1843, p. [i], [1]-101, *pl. 1893-2110* and *4* suppl. pl.
11: 1844, p. [i], [1]-106, *pl. 2111-2296.*
12: 1846, p. [1], [1]-244, *pl. 2297-2580.*

Ed. 3 [A.]: 1847-1854, "The third edition, arranged according to the Linnaean method, with the descriptions shortened, and occasional remarks added ..." London (printed by R. and J.E. Taylor, ... for the proprietor, C.E. Sowerby, ...), 7 vols. Oct. *Copy*: HU. – Actually a reissue of the first seven volumes of ed. 2.
1: [1847], p. [i]-v, [vi], [7]-87, [88], *218 pl.* (*1-193* with extra plates).
2: 1849, p. [i], [1]-85, *207 pl.* (nos. *194-379* with extras).
3: 1850, p. [i], [1]-105, [106], *218 pl.* (nos. 379-578 with extras).
4: 1851, p. [i], [1]-81, [82], *190 pl.* (nos. *580-745* with extras).
5: 1852, p. [1]-126, *248 pl.* (nos. *746-982* with extras).
6: 1852, p. [i], [1]-106, *231 pl.* (nos. *983-1192* with extras).
7: 1854, p. [i]-iv, *258 pl.* (*nos. 1293-1407* with extras).

Ed. 3 [B]: 1863-1886, 12 vols. *Copies*: BR, HH, MO, NY, USDA. "*English botany*: or, coloured figures of British plants." Edited by John T. Boswell Syme, ... the popular portion by Mrs Lankester, ... the figures by J. Sowerby, ... J. de C. Sowerby, ... J.W. Salter, ... and John Edward Sowerby, ... third edition. Enlarged, re-arranged according to the natural orders, and entirely revised. With descriptions of all the species by the editor ... London (Robert Hardwicke, ...) 1863-1886, 12 vols. (88 parts). Qu.
1: 1863 (pl. 1-24: J. Bot. Jan 1863), p. [i*-iv*], [i]-viii, [1]-235, [236, colo], *pl. 1-161* (col.). – Reissued: 1873.
2: 1864 (J. Bot. Mai 1864), p. [i-iv], [1]-246, *pl. 162-174, 174bis, 175-243, 243bis, 244-250, 250bis, 251-270, 270bis, 271-322.* – Reissued 1865.
3: 1864, p. [i-iv], [1]-273, *pl. 323-473, 473bis, 474-490.* – Reissued: 1873.
4: 1865, p. [i-iv], [1]-265, *pl. 491-635, 635bis, 636-648, 648bis, 649, 649bis, 650-662, 662bis, 663-679.* – Reissued: 1873.
5: 1866, p. [i-iv], [1]-231, *pl. 680-692, 692bis, 693-704, 704bis, 705-860.*
6: 1866, p. [i-iv], [1]-213, *pl. 861-908, 908bis, 909-910, 910bis, 911-1018.*
7: 1867, p. [i-iii], [1]-194, *pl. 1019-1125, 1125bis, 1126-1177.*
8: 1868, p. [i-iii], [1]-296, *pl. 1178-1354, 1354bis, 1355-1384.*
9: 1869, p. [i-v], [1]-239, [240, colo.], [241, err.], *pl. 1385-1545.*
10: 1870, p. [i-v], [1]-183, [184, colo], *pl. 1546, 1685.*
11: 1872, p. [i-v], [1]-216, *pl. 1686-1824.*
12: 1886, p. [i-x], [1]-332, [333], *pl. 1825-1826, 1826*, 1827-1834, 1834*, 1835-1922.*

Supplement to the third edition vols. i-iv. Compiled by N.E. Brown, ... with illustrations by N.E. Brown and W.H. Fitch. London (George Bell & Sons, ...) 1892. Qu., p. [i]-viii, [ix, err.], [i]-viii, [ix, note], [1]-213, *pl. 36a, 88* (new), *117a, 118a, 260a, 279a, 435a, 483a, 484, 484a, 484b, 485a, 485b, 488a, 608a* (col.). *Copy*: NY.

Reissue (1): 1899, 13 vols. (= vols. 1-12 of ed. 3 + suppl. as vol. 13). *Copies*: G, NY. – *English botany* or coloured figures of British plants by J. Sowerby, ... J.E. Sowerby, and others. Third edition edited by John T. Boswell Syme, ... London (George Bell & Sons ...) 1899. Qu. Composition as orig. ed. 3. – See also J. Bot. 37: 498-499. Nov 1899.

Reissue (2): 1902, 13 vols. (id.). *Copy*: MICH. – t.p. as reissue (but with date 1902).

12.222. *Icones pictae plantarum rariorum*, descriptionbus et observationibus illustratae auctore Jacobo Edvardo Smith M.D. ... Londini [London] (typis J. Davis ...) 1790-1793, 3 fasc. Fol. †. (*Icon. pict. pl. rar.*).
1: Oct 1790, [p. i-vii, preface and dedic. Lat. and English, no t.p.], *pl. 1-6* (col. copp. James Sowerby), with text in English and Latin. Text title from cover fasc. 2. Texts (per language and per plate) on single leaves.

2: Feb 1792, *pl. 7-12* (id.) (English text to *pl. 12* on two leaves).
3: Nov 1793, *pl. 13-18*.
Copies: G, HU, MO, NY; IDC 5258. – The dates are given on the inside of the wrappers; see Stafleu (1963) p. 78-79. – English title on covers: *Coloured figures of rare plants*, illustrated with descriptions and observations. – See HU 715 for a detailed analysis and further details. – Issued either with single text (English or Latin) or both.

12.223. Fasc. I.[II.] *Spicilegium botanicum.* Auctore Jacobo Edvardo Smith, M.D. ... Londini [London] (typis J. Davis) 1791-1792, 2 fasc. Fol. †. (*Spic. bot.*).
1: Mai 1791 (see Stafleu 1963), p. [i-iii], p. 1-12 (Latin text), [1]-12 (Engl. text), *pl. 1-13*. – Issued with either Latin or English text or with both.
2: Jun (prob.) 1792, p. [i-iv], p. 13-22 (id.), *pl. 13-24*. – Id.
Copies: G, HU (see HU 719 for a precise bibl. analysis), USDA; IDC 5575 (Latin text only). – English title: *Gleanings of botany*. – See also DU 285, GF p. 76.

12.224. *Remarks on the genus Veronica*... [Trans. Linn. Soc. vol. i, 1791]. Qu.
Publ.: 13 Aug 1791, Trans. Linn. Soc. 1: 189-195. 1791.
Reprint: in *Papers from the first volume of the Transactions of the Linnean Society*, see TL-2/12.225.
Review and partial translation into Italian: A. Bertolini, "*Osservazioni sul genere Veronica.* Dr Giacomo Odoardo Smith", p. [1]-11, Mar-Apr 1805, reprinted from Giornale dei Letterati 2(2), 1805 (journal n.v.).

12.225. *Papers from the first volume of the Transactions of the Linnean Society* ... [Trans. Linn. Soc. vol. 1, 1791]. Qu.
Publ.: 13 Aug 1791 (date of publication of vol. 1 of Transactions). *Copy*: NY. – A combined set of reprints from this volume:
[*1*]: *Introductory discourse on the rise and progress of natural history*, read 8 Apr 1788, p. [i-ii], [1]-55.
[*2*]: *Descriptions of ten species of lichen* collected in the South of Europe, read 4 Nov 1788, p. [i], 81-85, *pl. 4* (col. copp.).
[*3*]: *On the Festuca spadicea* and Anthoxanthum paniculatum of Linnaeus, read 3 Feb 1789, p. 111-114, additions read 5 Oct 1790, 115-117, *pl. 10* (uncol. copp.).
[*4*]: *Remarks on the genus Veronica*, read 4 Mai 1790, p. 189-195.
[*5*]: *An account of several plants presented to the Society by Messrs Fairbairn and Hoy*, read 1 Mar 1791, p. 249-254.
Other publ. of no. 1: also reprinted in *Tracts nat. hist.* 1798, p. 47-162.

12.226. Caroli Linnaei *Flora lapponica* exhibens plantas per Lapponiam crescentes, secundum systema sexuale, collectas in itinere impensis Soc. Reg. Scient. Upsaliensis, anno 1732 instituto. Additis synonymis, et locis natalibus omnium, descriptionibus et figuris rariorum, viribus medicatis e oeconomicis plurimarum. Editio altera, aucta et emendata studio et cura Jacobi Edvardi Smith. Londini [London] (impensis B. White et filiorum. (Typis J. Davis)) 1792. Oct. (*Fl. lapp., ed. alt.*).
Publ.: Feb 1792 (see Stafleu 1963, p. 79-80), frontisp., p. [i*-iii*], [i]-l, [1]-390, [1-16], *pl. 1-12*, with text (uncol. copp.). *Copies*: G, M, MO, NY, PH, Stevenson, US, USDA. – See TL-2/4717 for C. Linnaeus, *Fl. lapp.* 1737 (ed. 1). – SO 281.

12.227. *Tentamen botanicum de filicum generibus dorsiferarum* ... [Turin (chez J.M. Brioloz ...) 1793]. Qu.
Publ.: 1793 [date in colophon reprint], p. 1-22, [1, colo.], *pl. 9*. *Copy*: NY. – Reprinted and to be cited from Mém. Acad. r. Sci. Turin 5: 401-422, *pl. 9*. 1793 (for 1790-1791). – See also J.J. Römer, Arch. Bot. 1(2): 47-59. 1797.
English version: in *Tracts nat. hist.* 1798, p. 215-264 (see below).

12.228. *Zoology and botany of New Holland*, and the isles adjacent. The zoological part by George Shaw, ... the botanical part by James Edward Smith, ... the figures by J. Sowerby. London (printed by J. Davis; published by J. Sowerby and Co. ...) [1793]. Qu. (in twos)(*Zool. bot. New Holland*).
Co-author (zoology): George Shaw (1751-1813). Artist: James Sowerby (1757-1822).

Publ.: Oct 1793 (see dates on some of the plates and see *Spec. bot. New Holland*, below), p. [i-iii], 1-24, *pl. 1-8* (col. copp.). *Copies*: KU, NY. – The *Spec. bot. New Holland* (see below) was originally planned to come out together with George Shaw's zoology of New Holland. This is apparently an issue of the first two parts of this work. See Sotheby 709 for a reproduction of original wrappers of part 1 of the combined work.

12.229. *A specimen of the botany of New Holland*, ... vol. 1. London (Printed by J. Davis: published by J. Sowerby, ...) 1793[-1795]. Qu. (in twos). †. (*Spec. bot. New Holland*).
Artist: James Sowerby (1757-1822).
Publ.: in four parts 1793-1795. *Copies*: HH, MO, NY, PH, USDA;IDC 485. – The plates are col. copp. engr. by J. Sowerby; 1-6 not dated, 7, 8: 1 Oct 1793, 9-13 not dated, 14-16: 1 Jan 1795):
1: 1 Oct 1793, p. 1-14, *pl. 1-4*.
2: 15 Oct 1793, p. 15-24, *pl. 5-8*.
3: 2 Jul 1794, p. [i]-viii, 25-38. *pl. 9-12*.
4: 6 Jan 1795, p. 39-54, *pl. 13-16*.
Parts 1 and 2 were originally issued as Zool. bot. New Holland, see above.
Ref.: Stearn, W.T., Fl. males. Bull. 13: 569-570. 1957.
Sweet, Ann. of Sci. 19: 85, 139. 1963.

12.230. *A sketch of a tour on the continent*, in the years 1786 and 1787, ... London (printed for the author, by J. Davis, ...) 1793, 3 vols. Oct. (*Sketch tour continent*).
Ed. 1: 1793. *Copy*: HH.
1: 1793 (p. vii: Nov 1793), p. [i]-xxxi, [xxxiii-xxxv, cont.], [1]-356.
2: 1793, p. [i]-vii, [1]-423.
3: 1793, p. [i]-vii, [1]-361, [362, err.].
Ed. 2: 1807. *Copy*: BM (not analysed).

12.231. *Sprengelia* et nytt örteslägte; beskrifvet af J. Edw. Smith ..., Kongl. [Svenska] Vetenskapsakademiens nya Handlingar 15: 260-264, *pl. 8*. 1794.
Publ.: 1794, K. Sv. Vet.-Akad. Handl. ser. 2. 15: 260-264. *pl. 8*. 1794. – Not in CSP; commemorates Kurt Polycarp Joachim Sprengel (1766-1833); see ING 3: 1658. 1979 (Epacridaceae).
English transl.: in *Tracts nat. hist.* 265-274. 1798, see below.

12.232. *Syllabus of a course of lectures on botany* ... London (printed for the author by J. Davis) 1795. Oct. (*Syll. course bot.*).
Publ: 1795 (p. iv: Apr 1795), p. [i]-iv, [1]-72. *Copies*: HH, Yale Univ.

12.233. *Botanical characters of some plants of the natural order of Myrti* ... Trans. Linn. Soc. 3: 255-288. 1797. Qu.
Publ.: 25 Mai 1797, Trans. Linn. Soc. 3: 255-288. 25 Mai 1797. Reprint with original pagination (tearsheets?) at G, MO.

12.234. *The natural history of the rare lepidopterous insects of Georgia.* Including their systematic characters, the particulars of their several metamorphoses, and the plants on which they feed. Collected from the observations of Mr John Abbott, ... by James Edward Smith, ... London (printed by T. Bensley, for J. Edwards, ...) 1797, 2 vols. Fol. (*Nat. hist. lepidopt. Georgia*).
Authorship: see title, for John Abbott (1751-ca. 1842) see Nissen, C., Zool. Buchill. 10. 1966.
1: 1797 (p. v*: 29 Mai 1797), p. [i*-vii*], [1]-xv, 1-100, *pl. 1-50* (col. copp.).
2: 1797, p. [i-iii], 101-214. *pl. 51-104*.
Copies: MO, NY. – For further details see Nissen (l.c.). Contains some botany.

12.235. *Westringia*, et nytt Örteslägte, beskrifvit af J.E. Smith, ... [Kongl. Vetenskapsakademiens nya Handlingar, tom. xvii [for 18] for år 1797. Stockholm (Tryckte hos Johan Pehr Lindh) 1797. Oct.
Publ.: 1797, *in* K. [Sv.] Vet.-Akad. Handl. 18 ["17"]: 171-176, *pl. 8*. Jul-Sep 1797.

English transl.: in *Tracts nat. hist.*, 1798, p. 275-283. 1798 (reprint or tear-sheet copy at MO). "*Description of a new genus of plants called Westringia*".

12.236. *Tracts relating to natural history* ... London (printed for the author, by J. Davis) 1798. Oct. (*Tracts nat. hist.*).
Publ.: 1798 (p. vi: 1 Jan 1798), p. [i]-xiv, [xv, binder], [1]-312, *pl. 1-7* (col. copp.). *Copies*: E, NY, PH. – Containsreprints of various papers published in periodicals and (no. 12) the original publication of "*Description of a new genus of plants called Boronia.* Now first published; with some particulars on the death of Francis Borone". [Francesco Borone x-1794] on p. 285-312. *pl. 4-7.*

12.237. *The characters of twenty new genera of plants* ... read February 6, 1798 [London 1798]. Qu.
Publ.: 24 Mai 1798 (in journal), p. [i, reprint t.p.], 213-223, *1 pl.* (uncol. copp.). *Copies*: G, MO. – Reprinted and to be cited from Trans. Linn. Soc. London 4: 213-224. 1798. – See also J.J. Römer, Arch. Bot. 2: 37-51. 1800; Viviani, Ann. Bot. 1: 1-6. 1804.

12.238. *Remarks on some foreign species of Orobanche* ... From the Transactions of the Linnean Society, vol. iv. [London]. 1798. Qu.
Publ.: 24 Mai 1798, p. [i, reprint t.p.], 164-172. *Copies*: E, G. – Reprinted and to be cited from Trans. Linn. Soc. 4: 164-172. 24 Mai 1798 (read 3 Oct 1797).

12.239. *Observations on the British species of Bromus*, with introductory remarks on the composition of a Flora britannica ... Read April 3, 1798 [London 1798]. Qu.
Publ.: 24 Mai 1798, p. [i, reprint t.p.], 276-302. *Copies*: G, MO. – Reprinted and to be cited from Trans. Linn. Soc. 4: 276-302. 24 Mai 1798. – See also J.J. Römer, Arch. Bot. 2: 196-202. 1805.

12.240. *Observations on the British species of Mentha*; ... from the Linnean Society, vol. v. [London]. 1799. Qu.
Publ.: 20-22 Feb 1800, p. [i], 171-217. *Copies*: G, MO, NY. – Reprinted and to be cited from Trans. Linn. Soc. 5: 171-217. 20-22 Feb 1800 (read 5 Mar 1799). – See also J.J. Römer, Arch. Bot. 2: 319-346. 1801.
Additional note: ib. p. 275. 20-22 Feb 1800 (read 3 Dec 1799).

12.241. *Descriptions of five new British species of Carex*, ... from the Transactions of the Linnaean [sic] Society, vol. v. [London] (printed by J. Davis, ...) [1800]. Qu.
Publ.: 20-22 Feb 1800 (in journal), p. [i, reprint-t.p.], 264-273. *Copies*: G, NY. – Reprinted and to be cited from Trans. Linn. Soc. 5: 264-273. 20-22 Feb 1800 (read 3 Dec 1799).

12.242. *Compendium florae britannicae*, ... Londini [London] (typis J. Davis et soc. ...) 1800. Oct. (*Comp. fl. brit.*).
Ed. [*1*]: 1800 (p. viii: 10 cal. Aprilis [22 Apr] 1800), p. [i]-viii, 1-122, [1-5, index]. *Copies*: HH, NY, USDA.
German ed.: 1801 (p. [vi]: Apr 1801), p. [ii*], frontisp. portr. J.E. Smith)-iii* (t.p. conjugate with portr.)], p. [i-x], [1]-274, [1-6, index]. *Copies*: BR, E, G, HH, LD. – *Compendium florae britannicae* auctore Jacobo Eduardo Smith, ... in usum florae germanicae editum a Georgio Francisco Hoffmann [1760-1826] ... Erlangae (apud Joannem Jacobum Palm) 1801. Oct.
Ed. [*2*]: Jul 1816 (p. viii Prid. Id. Maii [14 Mai] 1816; P & W Jul 1816), p. [i]-viii, [1]-194. *Copies*: E, H, HH, NY, USDA. – Londini (veneunt apud Langman, Hurst, Rees, Orme et Brown, ...) 1816. Duod. (in sixes).
Ed. [*3*]: 1818 (no new preface text), p. [i]-viii, [1]-194. *Copies*: B, BR, G, H, HH, NY, USDA. – Obviously a simple reissue of ed. 2. "Editio tertia". Londini (id.). Duod. (in sixes).
Ed. 4: 1825 (p. viii: xvii cal. Oct. [16 Oct] 1824, p. [i]-viii, [1]-212. *Copies*: E, G, HH, NY, USDA. – "Editio quarta". Londini (veneunt Longman, Hurst, Rees, Orme, Brown, et Green, ...) 1825. Duod. (in sixes).

Ed. 5: 1828 (no new preface text), p. [i]-viii, [1]-212. *Copies*: G, HH, MO, NY, USDA. – Londini (id.) 1828. Duod. (in sixes).
Ed. [6]: 1829, p. [i]-vii, [1]-219, [1]. *Copy*: HH. – See Henrey 1333 and J. Britten, J. Bot. 59: 176-177. 1921.
English version: see John Galpine (1769?-1806). A synoptical compend of British botany, 1806, see BM 2: 636.

12.243. *Flora britannica*, auctore Jacobo Edvardo Smith, M.D. ... Londini (typis J. Davis, ...) 1800-1804, 3 vols. Oct. (*Fl. brit.*).
Ed. 1: 1800-1804. *Copies*: B, E, GH, H, MO-Steere, NY, PH, US, USDA; IDC 917.
1: 14 Mar-29 Apr 1800 (probably; see TL-1/1241; p. xi: 14 Mar 1800; Smith, Mem. Corr. 1: 450; S.W. Greene (1957)), p. [i-xi], [1]-433, [435-436].
2: 14 Mar-29 Apr 1800 (id.), p. [i-iii], [437]-914, [1-6, index, err.].
3: 29 Mar 1804 (letters to Smith), p. [i], [915]-1407, [1-2, index]. – the MO-Steere copy has a fourth volume, p. [i, title page dated 1800 sic], [1097]-1407, [1-2, index] "vol. iv. Londini: typis J. Davis, ... mdccc". This volume is a reissue of p. 1097-1407 of vol. 3 and contains handdrawn illustrations and specimens.
Zürich ed.: 1804-1805. *Copies*: B-S, G, H, HH, M, MO, NY, PH, U, USDA. "*Flora britannica*, auctore Jacobo Edvardo Smith, M.D. -- recudi curavit additis passim adnotatiunculis J.J. Römer, M.D." [Johann Jakob Römer, 1763-1819]. Turici [Zürich] (typis Henrici Gessneri) 1804-1805, 3 vols. Oct.
1: 1804, p. [i-viii], [1]-433, [435-436].
2: 1804, p. i-ii, [437]-914, [1-6, index].
3: 1805, p. [915]-1406, [1-2, index].
Ref.: Anon., Mon. Rev. Lit. J. 34: 52-60. 1801 (ref. vols. 1-2).
Greene, S.W., J. Soc. Bibl. nat. Hist. 3: 281-290. 1957.
Noehden, J. Bot. 40: 324. 1902.
Smith, Lady, Mem. Corr. J.E. Smith 1: 449-455. 1832.
Wiltshear, F.G., J. Bot. 53: 31-36. 1915.

12.244. *Exotic botany*: consisting of coloured figures, and scientific descriptions, of such new, beautiful, or rare plants as are worthy of cultivation in the gardens of Britain; with remarks on their qualities, history, and requisite modes of treatment ... London (printed by R. Taylor and Co., ...) 1804-1805 [1808]. 2 vols. Qu. (*Exot. bot.*).
Artist: James Sowerby (1757-1822).
1: plates dated 1 Dec 1804-1 Dec 1805 (p. vii: 1 Dec 1804), p. [i]-vii, 1-118, [119, index], *pl. 1-60* (col. copp.).
2: plates dated 1 Dec 1805-1 Jan 1808 (t.p. 1805), p. [1]-122, [123, index], *pl. 61-120.* (id.).
Copies: E, G, HH, Teyler; IDC 5397. – Plates *116-117*, *119* are dated 1 Jan 1808; *120*: 1 Jan 1807; the numerical order of the plates does not exactly parallel the dates. All copies seen by us had signatures of 8 p.; see Sotheby 709 for a copy of the quarto edition. – The first fascicle (plates dated 1 Dec 1804) was received by Roscoe on 5 Jan 1805 (see Smith, Mem. 1: 520. 1832).

12.245. *An illustration of the grass called by Linnaeus Cornucopiae alopecuroides* ... From the Transactions of the Linnean Society [vol. 7, 1804]. Qu.
Publ.: 8-21 Nov 1804 (in journal), p. [1]-4. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 7: 245-247. 8-21 Nov 1804.

12.246. *Biographical memoirs of several Norwich botanists*, in a letter to Alexander MacLeay, ... From the Transactions of the Linnean Society [1804]. Qu.
Publ.: 8-21 Nov 1804 (in journal), p. [1]-7. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 7: 295-301. 8-21 Nov 1804 (e.g. on H. Rose).

12.247. *Account of the Bromus triflorus* of Linnaeus, in a letter to Alexander M'Leay, Esq. Sec. L.S. ... From the Transactions of the Linnean Society, vol. viii. [1807]. Qu.
Publ.: 9 Mar 1807 (in journal), p. [1]-3. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 8: 276-278. 9 Mar 1807. – Alexander M'Leay (Macleay) (1767-1848) was secretary of the Linnean Society 1798-1825.

12.248. *Characters of three new species of Boronia* ... From the Transactions of the Linnean Society, vol. viii. [1807]. Qu.
Publ.: 9 Mar 1807 (in journal), p. [1]-4. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 8: 282-285. 9 Mar 1807.

12.249. *An introduction to physiological and systematical botany* ... London (printed for Longman, Hurst, Rees, and Orme, ...) 1807. Oct. (*Intr. physiol. syst. bot.*).
Ed. [*1*]: 1807 (p. iv: 15 Nov 1807; t.p. 1807), p. [i]-xxiii, [1]-533, *pl. 1-15* (uncol. copp.). *Copy*: NY.
Ed. 2: 1809, p. [i]-xxiii, [1]-533, *pl. 1-15* (col. copp.). *Copies*: LIV, MICH, NY.
Ed. 3: 1814, p. [i]-xxiii, [1]-407, *pl. 1-15* (col. copp.). *Copies*: LIV, M, NY. – London (printed for Longman, Hurst, Rees, Orme, and Brown ...) 1814. Oct.
Ed. 4: 1819, p. [i]-xx, [1]-407, *pl. 1-15* (col. copp.). *Copies*: B-S, NY, USDA. – "A few copies are coloured by desire" (adv. in Smith, Gramm. bot. 1821);
Ed. 5: 1825, p. [i]-xxi, [1]-435, *pl. 1-15* (col. copp.). *Copies*: E, LIV(2), MICH, NY, USDA. – Fifth edition, corrected and enlarged. London (printed for Longman, Hurst, Rees, Orme, Brown, and Green, ...) 1825. Oct.
Ed. 6: 1827, p. [i]-xix, [1]-435, *pl. 1-15* (col. copp.). *Copy*: E.
Ed. 7: 1833 (p. vii: Mai 1833), p. [i]-xx, [1]-504, *pl. 1-15* (uncol. or col. copp.), *pl. 1-21* (uncol. or col.). *Copies*: E (John Hope's copy), MO, NY. – Introduction to the study of botany, ... Seventh edition corrected; in which the object of the "Grammar of botany" of Sir J.E. Smith, is combined with that of the "Introduction"; by W. [William] Jackson Hooker [1785-1865], ..." London (Longman, Rees, Orme, Brown, Green, and Longman) 1833. Oct.
Ed. [*8*]: 1836 (p. xx: 4 Apr 1836), p. [i]-xx, [i]-iii, [1]-336, *pl. 1-6* (uncol.). *Copies*: NY, USDA. – "A new edition, with additions, by William MacGillivray [1796-1852], ... London (printed for Scott, Webster, and Geary, ...) 1836. Duod.
American, ed.: 1814 (p. v: 3 Feb 1814, legal deposit), engr. t.p., p. [i]-viii, [9]-415, [ix]-xii, *pl. 1-15* (uncol.). *Copies*: HH, MICH, MO, NY, PH, USDA. – "First American, from the second English edition; with notes by Jacob Bigelow, M.D. [1787-1879]. Boston (published by Bradford and Read, ...) 1814. Oct. (in fours.). – The MO copy has the Boston imprint; the MICH, NY and USDA copies have Piladelphia (published by Anthony Finley) Boston (Bradford and Read).
Note: J. Locke, *Outlines of botany*, 1819, TL-2/4910, was "taken chiefly from Smith's Introduction".
German: 1819, p. i-xl, 1-400, *pl. 1-15*. – *Anleitung zum Studium der physiologischen und systematischen Botanik*. Nach der dritten Originalausgabe aus dem Englischen übersetzt von Joseph August Schultes. Wien (Döll) 1819. Oct.

12.250. *An inquiry into the structure of seeds*, especially into the true nature of that part called by Gaertner the vitellus ... From Transactions of the Linnean Society, vol. ix. [1808]. Qu.
Publ.: 23 Nov 1808, p. [i], 204-217. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 9: 204-217. 23 Nov 1808. – See also J. nat. Philos. Chem. Arts [ed. W. Nicholson] ser. 2. 22: 354-366. 1809 and Lond. Edinb. Dubl. Phil. Mag. 32: 223-233. Oct-Dec 1808.

12.251. *Specific characters of the decandrous papilionaceous plants of New Holland* ... From Transactions of the Linnean Society, vol. ix. [1808]. Qu.
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Publ.: 23 Nov 1808 (in journal), p. [i, recto of p. 272 with t.p. text], [272]-282. *Copy*: G. – Reprinted and to be cited from Trans. Linn. Soc. 9: 272-282. 23 Nov 1808. – *Hookeria* J.E. Smith, 1808 (*nom. cons.*).

12.253. *A review of the modern state of botany*, with a particular reference to the natural

systems of Linnaeus and Jussieu ... (From the second volume of the Supplement to the Encyclopaedia britannica) [1817]. Qu.
Publ.: 1817, p. [1]-43. *Copy*: G.

12.254. *Considerations respecting Cambridge*, more particularly relating to its botanical professorship ... London (printed for Longman, Hurst, Rees, Orme, and Brown, ...) 1818. Oct.
Publ.: 1818, p. [1]-60. *Copy*: M.

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1: Jul 1811 (p. xvi: Apr 1811; P & W), p. [i]-xvi, [1]-366.
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Copies: E, H, MO, NY, Stevenson; IDC 6143. – For further notes see SO 192; original mss. at LINN. – Further literature on the Lapland journey: SO 193-201.

12.256. *A grammar of botany*, illustrative of artificial, as well as natural, classification, with an explanation of Jussieu's system ... London (printed for Longman, Hurst, Rees, Orme, and Brown, ...) 1821. Oct. (*Gramm. bot.*).
Ed. [*1*]: Jan 1821 (p. [iii]: 27 Sep 1820; see Mem. Corr. 1: 500, 501; P & W Mar 1821; Bishop of Carlisle rd a copy on 19 Jan 1821; the dedicatee, Mrs Corrie, 27 Jan 1821), p. [i]-xx, [1]-242, *pl. 1-21* (uncol. or col. copp.). *Copies*: E, FAS, G, LIV, M, MO (col.), NY, USDA.
American ed.: 1822, p. [i]-xvi, [1]-284, *pl. 1-21* (col. liths.). *Copies*: HH, MO, PH. – "A grammar of botany, ... to which is added, a reduction of all the genera contained in the catalogue of North American plants, to the natural families of the french professor [i.e. A.L. de Jussieu]. By the late Henry Muhlenberg [Gotthilf Henry Ernest M., 1753-1815], D.D." New York (James V. Seaman ...) 1822. Oct. (in fours.).
German transl.: 1822 (p. 222: Feb 1822), p. [i]-xxvi, [1]-222, *pl. 1-21* (col. or uncol. copp.). *Copies*: B-S (col.), H, M, NY. – *Botanische Grammatik*, zur Erläuterung sowohl der künstlichen, als der natürlichen Classification, nebst einer Darstellung des Jussieu'schen Systems, ... aus dem Englischen übersetzt ... Weimar (im Verlage des Gr. H. S. pr. Landes-Industrie-Comptoirs) 1822. Oct.
Ed. 2: 1826, p. [i]-xxii, [1]-240, *pl. 1-21* (col. or uncol. copp.). *Copies*: B, LIV, MO (col.), NY, USDA. – "277 figures of plants, &c. 125 plain: 1l, 11s. 6d. col'd." (adv. cutting in MO).

12.257. *A selection of the correspondence of Linnaeus*, and other naturalists, from the original manuscripts ... London (printed for Longman, Hurst, Rees, Orme and Brown, ...) 1821. Oct. (*Corr. Linnaeus*).
1: 1821 (p. iii: 25 Mar 1821), p. [i]-xi, [1]-605, 2 pl. (facsimiles of letters).
2: 1821, p. [i]-iv, [1]-580, [1-25 index, 26, err.], *9 pl.* (id.).
Copies: G, MO, NY.
Facsimile ed.: ISBN 0-405-10730-7, n.v.

12.257a. *The English flora* ... London (printed for Longman, Hurst, Rees, Orme, Brown, and Green, ...) 1824-1828. Oct. 4 vols. (*Engl. fl.*).
Ed. 1: 1824-1828, 4 vols. (for vol. 5 see below). *Copies*: B, E, G, H, HH, M, MO, PH, U, US, USDA.
1: 1 Jan-19 Mar 1824 (p. xxxii: 2 Dec 1823; F.G. Wiltshear, J. Bot. 47: 352-353. 1909; copy sent by author to J.A. Schultes (M) issued 27 Aug 1824), p. [i]-xlv, [1]-371, [372, colo].
2: 1 Jan-19 Mar 1824 (rev. Edinb. J. Sci. Apr-Oct 1825; Flora 28 Jun 1825), p. [i]-viii [viii as "iii"], [1]-470.
3: Aug-Oct 1825 (publisher's catalogue dated Oct 1825, in copy G, vol. 3 is just ready; Linnaea Jan 1826; Philos. Mag. Jan-Jun 1826), p. [i]-vi, [1]-512.
4: Mar 1828 (Wiltshear l.c.; publisher's catalogue Mar 1828 in G: "vol. iv is nearly ready:), p. [i]-vi, [1]-373, [374, colo.].

Ed. 2: 1828-1830, 4 vols. (for vol. 5 see below). *Copies*: BR, G, LIV, MO, NY (compl.), PH (compl.) (several copies incompl.). See F.G. Wiltshear (l.c.) for the differences (minor), between eds. 1 and 2. "Second edition" London (id.) 1828-1830. Oct.
1: 1828, p. [i]-xlv, [1]-371.
2: 1828, p. [i]-viii, [1]-470.
3: 1829, p. [i]-viii, [1]-512.
4: 1830, p. [i]-viii, [1]-360.
Volume 5: in two parts 1833-1836. *Copies*: BR, FH, G, HH,LC, MICH, MO, NY, PH, U.
The English flora of Sir James Edward Smith. Class. xxiv. *Cryptogamia* by William Jackson Hooker [1785-1865] ... Vol. v (or vol. ii of Dr. Hooker's British flora] ... London (Longman, Rees, Orme, Brown, Green, & Longman) 1833-1836. Oct. *Fungi*: Miles Joseph Berkeley (1803-1889). – This *fifth* volume of J.E. Smith, *Engl. fl.* is identical with the *second* volume W.J. Hooker, *Brit. fl. ed. 4*. See TL-2/3000.
Part 1 (comprising the Mosses, Hepaticae, lichens, Characeae and algae): 1833 (p. viii: 1 Feb 1833), p. [i]-x, [1*]-4*, [1]-432. *Authorship*: W.J. Hooker: 200-209, 264-322; W.H. Harvey p. 259-262, 322-401 (Algae p.p.), R.K. Greville, p. 262-263, 401-415 (Diat.).
Part 2 (comprising the fungi ...): Apr 1836 (London Med. Gaz. 18: 176-178. 30 Apr 1836), p. [i-ii], [1]-386, [1*]-32*, [i]-xv. – *Author*: Miles Joseph Berkeley (1803-1889).
Volume 5(1), new ed.: 1844, p. [i]-viii, [1]-436. *Copies*: BM, E, G, MICH. – Title identical with that of the 1833 ed., except for titles of Hooker (e.g.: K.H.; "and director of the Royal botanical gardens of Kew"), the imprint: "Longman, Brown, Green, and Longmans, Paternoster-Row" and the date: 1844. For details see R. Ross, J. Soc. Bibl. nat. Hist. 3: 133-134. 1956.

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Ed. [1]: Oct 1829 (P & W p. 545), p. [i]-vii, [1]-219. *Copies*: E, MO, NY. – Edited, possibly even compiled by Aeneas MacIntire, see J. Britten, J. Bot. 59: 176-178. 1921.
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Reissue ed. 2: 1844 (fide Bot. Zeit. 2: 896. 27 Dec 1844.

Smith, Jared Gage (1866-1925), American botanist and agriculturist; A.M. Univ. Nebraska 1892; asst. agriculturist Nebraska Agr. Exp. Sta. Lincoln 1888-1890; in Europe, Australia and Mexico 1890-1892; assoc. botanist Shaw School of Botany 1892-1893; bot. asst. Missouri Bot. Gard. 1893-1895; with USDA 1895-1908; in charge of its Hawaii Agr. Exp. Sta. from 1901-1908; with the Kona Tobacco Co. 1908-1913; on editorial staff Pacific Commercial Advertiser 1913-1919; professor of agriculture Univ. Hawaii 1916; tobacco planter from 1917. (*J.G. Sm.*).

HERBARIUM and TYPES: NEB; further material at DBN, E, K, MIN, MO, US.

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BIOFILE: Anon., Bot. Centralbl. 87: 47. 1901 (app. Hawaii); Cat. gén. livr. impr. Bibl. natl. 174: 285-288. 1948; Hedwigia 40: (175). 1901 (app. Hawaii); Who's who Amer. 4-10, 1906-1919.
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COMPOSITE WORKS: Collaborator, N.L. Britton, *Man. fl. w. states* 1901, TL-2/779.

12.259. *Flora of the Sand Hill region of Sheridan and Cherry counties* and list of plants collected

on a journey through the Sand Hills in July and August, 1892, ... [Bot. Surv. Nebraska 2, 1893]. Oct.
Co-author: Roscoe Pound, 1870-1964, TL-2/8240.
Publ.: 15 Apr 1893, Bot. Surv. Nebraska 2: [5]-30. 1893. *Copy*: Univ. Illinois.

12.260. *North American species of Sagittaria* and Lophotocarpus ... (printed in advance from the sixth Annual Report of the Missouri Botanical Garden). Issued May 24, 1894. Oct. (*N. Amer. Sagittaria*).
Publ.: 24 Mai 1894 (date on cover-t.p. of preprint), cover-t.p., p. 1-38, *pl. 1-29*. *Copies*: B, FAS, G, M, MO, NY, US. – Title on p. 1: *A revision of the North American species of Sagittaria* and Lophotocarpus. Preprinted from Ann. Rep. Missouri Bot. Gard. 6: 27-64, *pl. 1-29*. 3 Mai 1895.
Ref.: Solms Laubach, H., Bot. Zeit. 52: 234-236. 1 Aug 1894.

12.261. *Fodder and forage plants*, exclusive of the grasses ... Washington (Government Printing Office) 1896. Oct. (*Fodd. forage pl.*).
Publ.: 1896 (letter of transmitted 18 Jun 1896), p. [1]-58. *Copies*: MO, NY, US, USDA. – Issued as Bull. U.S. Dept. Agric., Div. Agrostol. 2.
Revised edition: 1900 (letter of transmittal 28 Mar 1900), p. [1]-86. *pl. 1-2* (uncol.). *Copies*: BR, USDA.

12.262. Studies on American grasses. *A synopsis of the genus Sitanion* ... Washington (Government Printing Office) 1899. Oct. (*Syn. Sitanion*).
Publ.: 24 Jun 1899 (t.p.), p. [1]-21, *pl. 1-4* (uncol.). *Copies*: NY, USDA. – Issued as Bull. U.S. Dept. Agric., Div. Agrostol. 18. 1899.

12.263. *Lophotocarpus of the United States* and Sagittaria Eaton ... (printed in advance from the eleventh Annual Report of the Missouri Botanical Garden). Issued September 27, 1899. Oct. (*Lophotocarpus U.S.*).
Publ.: 27 Sep 1899, cover-t.p., p. 1-7, *pl. 53-58*. *Copies*: B, US. – Preprinted from Ann. Rep. Missouri Bot. Gard. 11: 145-151, *pl. 53-58*. 1900.

Smith, Johannes Jacobus (1867-1947), Belgian-born Dutch botanist, especially orchidologist and horticulturist; horticultural training at Amsterdam, Kew and Brussels; inspector of a coffee plantation in the Dutch East Indies, 1891; with the Buitenzorg (Bogor) Botanical Garden as temporary official, 1891-1893, assistant curator 1893-1902, in Leiden 1902-1905; temporary assistant herbarium Buitenzorg 1905, deputy keeper 1909, keeper 1914-1924; acting director of the garden 1922; in retirement in the Netherlands at Hilversum 1924-1925, Utrecht 1925-1928 and Leiden 1928-1947; Dr. phil. h.c. Utrecht 1911. (*J.J. Sm.*).

HERBARIUM and TYPES: BO, L; further material at AMES, B (mainly destr.), BR. *Letters* at G, L, and U. – Mss. *autobiography* at L.

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(3) *Orchidaceae, in* L.S. Gibbs, Contr. phytogr. fl. Arfak Mts. 105-127, 203-206. 1917, *Epacridaceae*, id. p. 167-168, *Ericaceae*, p. 168-174.
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Publ.: 1905 (ÖbZ rd Nov-Dec 1905; Nat. Nov. Jan(2) 1906), p. [1]-125. *Copies*: BR, G, HH, M, MO, NY, PH, U, USDA.
Ref.: De Wildeman, E., Bot. Centralbl. 101: 588. 5 Jun 1906 (rev.).

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Text: Jan-Jun 1905 (p. viii: Jul 1904; Bot. Centralbl. 22 Aug 1905 (p. 1-650), 13 Feb 1906 (p. 653-672); ÖbZ Apr-Jun 1905 (1-652), Nat. Nov. Jul(2) 1905), p. [ii]-viii, [1]-672. – Other t.p. [p. ii]: *Flore de Buitenzorg* publiée par le Jardin botanique de l'État, vi^ieme^ partie. *Les Orchidées de Java* ..." – Pages [653]-672, Index, were issued under a separate cover, also dated 1905: published Sep-Nov 1905 Bot. Centralbl. 13 Feb 1906).

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Smith, John (1798-1888), British gardener and pteridologist; gardener at the Royal Botanic Garden, Edinburgh 1818, idem at Kew 1822, curator at Kew 1841-1864. (*John Sm.*).

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Smith, John Donnell (1829-1928), American botanist; graduated from Yale University 1847; captain of cavalry in the confederate army during the U.S. Civil War; from then on dedicating himself to botany, bringing together a sizeable herbarium and lib-

rary with special emphasis on Central America; collected in Central America (especially Guatemala) 1900-1906. (*J.D. Sm.*).

HERBARIUM and TYPES: US (ca. 100.000); further material at A, B (mainly destr.), BM, C, COLU, E, F, G, GH, K, L, M, MO, NY, NYS, P, PH, WELC. – The *Plantae guatemalenses Tuerckheimianae*, distributed by J.D. Smith from 1887 onward went to B, GH, K, NY, P and US, fide footnote Bot. Gaz. 12: 131. 1887. – *Letters* and other mss. at e.g. F, GH, HU, SIA.

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23: 18 Apr 1902, BG 33: 249-262, *pl. 10-11.*
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25: 18 Mar 1904, BG 37: 208-214.
26: 20 Jun 1904, BG 37: 417-423.
27: 18 Jul 1905, BG 40: 1-11.
28: 2 Oct 1906, BG 42: 292-300.
29: 16 Aug 1907, BG 44: 108-117.
30: 22 Aug 1908, BG 46: 109-117.
31: 17 Apr 1909, BG 47: 253-262.
32: 21 Oct 1909, BG 48: 294-300.
33: 23 Jun 1910, BG 49: 453-358.
34: 17 Jul 1911, BG 52: 45-53.
35: 21 Sep 1912, BG 54: 235-244.
36: 16 Jun 1913, BG 55: 431-438.
37: 16 Jul 1913, BG 56: 51-62.
38: 16 Mai 1914, BG 57: 415-427.
39: 15 Mai 1916, BG 61: 373-387.
Several numbers were reprinted with original pagination provided with a cover-t.p., "printed at the University of Chicago Press".

12.295. *Enumeratio plantarum guatemalensium* imprimis a H. De Tuerckheim collectarum quas edidit John Donnell Smith. Pars I [-VIII]. Oquawkae (apud H.N. Patterson, ...) 1889 [-1907], 8 vols. (*Enum. pl. guatem.*).
Collector: [plants mentioned in pars 1]: Hans von Tuerckheim (1853-1920).
1: 1889 (p. [2]: Jul 1889; TBC 8 Mai 1889 sic), p. [1]-68. One-sided. – Title as above. Contains data mentioned on schedae exsiccatae.
2: 1891 (p. [2]: Feb 1891; Bot. Centralbl. 26 Aug 1891; Bot. Gaz. Jun 1891; TBC 1 Jul 1981), p. [1]-96. One-sided "Enumeratio plantarum guatemalensium quas edidit John Donnell Smith. pars II. Oquawkae in republ. Illinois" (apud H.N. Patterson ...) 1891.
3: 1893 (p. [2]: Sep 1893; Bot. Gaz. Nov 1893), p. [1], [1]-111. One-sided; t.p. as in part 2.
4: 1895 (p. [3] Oct 1895; Bot. Centralbl. 13 Nov 1895), p. [1]-189. Two-sided. "Enumeratio plantarum guatemalensium necnon salvadorensium hondurensium nicaraguensium costaricariensium, quas edidit ..."
5: 1899 (ÖbZ for Nov 1899; Bot. Centralbl. 6 Dec 1899; Nat. Nov. Dec(1, 2) 1895), p. [1]-111. One-sided; t.p. as in part 4.
6: 1903 (ÖbZ for Jun 1903; TBC 4 Aug 1903; Bot. Centralbl. 15 Sep 1903; Nat. Nov. Aug 1903), p. [1]-87. One-sided; t.p. as in part 5.
7: 1905 (Bot. Centralbl. 13 Feb 1906; TBC 8 Feb 1906; Bot. Centralbl. 16 Jan 1906; ÖbZ for Nov-Dec 1905), p. [1]-73. One-sided; t.p. as in part 5.

8: 1907 (p. [1]: Apr 1907; TBC 26 Jul 1907; Bot. Centralbl. 10 Sep 1907), p. [i], [1]-221. Two-sided, appendix [215]-221 one-sided. "Enumeratio . . .pars viii. Index specierum in partibus i-viii enumeratarum adjectis exemplorum editorum numeris".
Copies: BR, G, HH, MICH, MO, NY, PH, US, USDA; vols. 1-5 are usually bound with reprints of the "Undescribed plants" 1-21 (vol. 1 then has nos. 1-6; 2 has 7-9; 3 has 10-11; 4 has 12-15; 5 has 16-21) and with some other reprints of papers from the Botanical Gazette.

12.296. Intercontinental Railway Commission. Volume i, part ii; Report of Surveys and explorations made by Corps no. 1 in Guatemala, El Salvador, Honduras, Nicaragua and Costa Rica. Appendix iii. *An enumeration of the plants collected in Central America* by Dr. W.C. Shannon, . . . John Donnell Smith. 1891-1893. Washington, 1898. Qu. (*Enum. pl. Shannon*).
Collector: William Cummings Shannon (1851-1905).
Publ.: 1898, p. [1]-24. *Copies*: G, NY.

12.297. *Icones plantarum centrali-americanarum* s.l.n.d. [Baltimore, 1908].
Publ.: 1908, *46 plates* reprinted from The Botanical Gazette, 1888-1895; uncol. liths. Ch. Edw. Faxon. *Copy*: NY.

12.298. Smithsonian Institution special publication *Catalogue of the botanical library of John Donnell Smith* presented in 1905 to the Smithsonian Institution. Compiled by Alice Atwood. No. 1808. City of Washington (published by the Smithsonian Institution) 1908. Qu. (*Cat. bot. libr. J.D. Sm.*).
Author: Alice Cary Atwood (1876-?).
Publ.: 1908 (p. [iii]: 15 Jul 1908), p. [i-iii], [1]-94. *Copies*: FAS, G.
Other issue: Cont. U.S. natl. Herb. 12(1): [1]-94. 23 Apr 1908. *Copies*: MO,NY, USDA.

12.299. *Monograph of the Hauyeae* and Gongylocarpeae, tribes of the Onagraceae . . . Washington (Government Printing Office) 1913. Oct.
Co-author: Joseph Nelson Rose (1862-1928).
Publ.: 23 Aug 1913 (in journal), p. [i]-v, 287-298. vii. *Copies*: B, MO, NY, U, US, USDA. – Issued as and to be cited from Contr. U.S. natl. Herb. 16(12). 1913.

Smith, John Jay (1798-1881),American writer; librarian of the Philadelphia and Loganian libraries 1829-1851; editor of several journals, serials and of many books. (*J. Jay Sm.*).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 294 (b. 16 Jun 1798, d. 23 Sep 1881); BM 4: 1949; DAB 17: 303-304; ME 1: 231, 3: 381, 445, 740; PH 164, 567; Tucker 1: 657, 3: 287.

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Smith, John Jay (ed. E. Pearsall Smith), John Jay Smith written by himself. Philadelphia, xvi, 416 p., 8 portr. (autobiogr.).
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COMPOSITE WORKS: Translated and annotated F.A. Michaux, *N. Amer. sylv.* 1850-1851, see TL-2/5966.

Smith, Lyman Bradford (1904-x), American botanist; Dr. phil. Harvard 1930; scientist Gray Herbarium, Harvard University 1931-1947; from 1947-1956 botanist at the Smithsonian Institution; curator of phanerogams 1956-1966, senior botanist 1966-x; on expeditions to Gaspe, Canada 1923, Cuba 1936, Brazil 1928, 1952, 1956, 1964, Argentina 1948; specialist on Bromeliaceae. (*L.B. Sm.*).

HERBARIUM and TYPES: HH and US; further material at BR, DBN, DPU, E, FLOR, HBR, K, LAM, NY, R, RJ, S. – *Letters* at G and SIA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 294 (b. 11 Sep 1904); Biol. Dokum. 17: 8737; BJI 2: 167; BL 1: 243, 319; Bossert p. 374; Hortus 3: 1204; IH 1 (ed. 1): 102, (ed. 2): 126, (ed. 3): 162, (ed. 4): 180, (ed. 5): 197, (ed. 6): 292, 364, (ed. 7): 307, 343; Langman p. 705-706; Lenley p. 378; NI 3: 17; PH 209; Roon p. 106; SIA see index; TL-2/781, see H.C. Hoehne; Zander ed. 10, p. 718, ed. 11, p. 819.

BIOFILE: Anon., Amer. men sci. eds. 6-12, 1938-1972; J. Bromeliad Soc. 34(5): 195-197. 1984 (80th birthday; portr.); Who's who Amer. 34-39, 1966-1977.
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(2) *Bromeliaceae, in* NAF 19(2): 61-228. 27 Dec 1938.
(3) *Bromeliaceae, in* J.F. MacBride, *Fl. Peru*, Field Mus. Bot. 13: 495-592. 1936.
(4) With P.C. Standley, *Bromeliaceae, in* P.C. Standley, *Flora de Costa Rica* (Mus. Nac. Costa Rica, Bot.) 1: 151-175. 1940.
(5) With B.G. Schubert, *Begoniaceae, in* J.F. MacBride, *Fl. Peru*, Field Mus. Bot. 13(4): 181-202. 1941.
(6) *Bromeliaceae, in* E.L. Farr et al., *Index nominum genericorum*, 1979, 119 texts.
For the numerous further contributions mainly on Bromeliaceae and Begoniaceae, in "Composite Works" see the bibliographies.

12.300. *Studies in the Bromeliaceae...* i-xvi, 1930-1951. Oct.
Publ.: 1930-1951, nos. 1-14 in Contr. Gray Herb. 89-161, nos. 15-16 in Contr. U.S. natl. Herb. – *Copies*: BR, MO, NY, U, US.
1: 17 Apr 1930 (stamp on t.p.), p. [1]-86, *pl. 1-4*, as Contr. Gray Herb. no. 89.
2: 24 Aug 1931, *in* Contr. Gray Herb. 95: 40-49.
3: 14 Apr 1932, p. [1]-36, *pl. 1-6*, as Contr. Gray Herb. no. 98.
4: 3 Apr 1932, *in* Contr. Gray Herb. 102: [145]-152.
5: 6 Aug 1934, *in* Contr. Gray Herb. 104: 71-82, [83], *pl. 1-3*.
6: 11 Sep 1935, p. [i], 147-220, *pl. 1-2* as Proc. Amer. Acad. Arts Sci. 70(5): 147-220. Aug 1935, also as Contr. Gray Herb. 106, 11 Sep 1935.
7: 5 Oct 1936, *in* Contr. Gray Herb. 114: 3-12.
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9: 1939, *in* Contr. Gray Herb. 124: 7-11.
10: 25 Oct 1939, *in* Contr. Gray Herb. 127: 17-20, *pl. 1*.
11: 1 Mai 1940, *in* Contr. Gray Herb. 129: 31-35, *pl. 3*.
12: 12 Nov 1941, *in* Lilloa 6: 381-417, *pl. 2*. 1941 and Contr. Gray Herb. 137: 381-417. *pl. 2*.
13: 15 Jun 1945, *in* Contr. Gray Herb. 154: 32-39. *pl. 3-4*.
14: 22 Apr 1946, *in* Contr. Gray Herb. 161: 29-38, *pl. 4*.
15: 1949, *in* U.S. natl. Herb. 29(7): [i]-v, 277-316, vii.
16: 1951, *in* Contr. U.S. natl. Herb. 29(10): [i]-vi, 429-520, vii-viii.
17: 1954, *in* Contr. U.S. natl. Herb. 29(11): [i]-vi, 521-543.

12.301. *Notas sobre las Bromeliáceas chilenas* ... Extracto de la "Revista universitaria" ... 1934. Oct.
Co-author: Gualterio Looser 1898-x.
Publ.: Jan 1934, p. [1075]-1081. *Copy*: G. – Revist. Univ. 18(8): 1075-1081. Jan 1934.

12.302. *Las especies chilenas del género Puya* ... Santiago de Chile (Imp. Walt. Gnadt ...) 1935. Oct.
Co-author: Gualterio Looser.
Publ.: Jul 1935, cover-t.p., p. 241-279. *Copies*: B, U. – Reprinted and to be cited from Revista Universitaria, Santiago, 20(3): 241-279. 1935.

12.303. *Sinopsis de las especies argentinas del género "Buddleja"* ... Buenos Aires (Imprenta y Casa editoria "Coni" ...) 1937. Oct.
Publ.: 1937, p. [i, repr. t.p.], [397]-414. *Copies*: B, US. – Reprinted and to be cited from Lilloa 1: 397-414. 1937.
Notas adicionales sobre "Buddleja" en la Argentina: 1938, p. [i, repr. t.p.], [467]-471. *Copies*: B, US. – Id. 3: 467-471. 1938.

Smith, Matilda (1854-1926), British (Bombay-born) botanical artist, cousin of J.D. Hooker, associated with the Royal Botanic Gardens, Kew 1877-1921; contributed drawings to Botanical Magazine, Hooker's Icones and several other Kew publications. (*M. Sm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 536; Blunt p. 186, 188, 228, 241-242, 248; Desmond p. 569 (b. 30 Jul 1854, d. 29 Dec 1926); NI see index 2: 269; TL-1/537; TL-2/1094, 1140, 1176, 1317, 1908, 2628, 3006, 3654.

BIOFILE: A.D.C., Proc. Linn. Soc. 139: 100-101. 1927.
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NOTE: For the many contributions to illustrated botanical works see e.g. Blunt, NI and TL-2/indexes.

EPONYMY: *Smithiantha* O. Kuntze (1891); *Smithiella* Dunn (1920).

Smith, William (1808-1857), Irish clergyman and diatomologist; professor of natural history, Cork from 1854. (*Wm. Sm.*).

HERBARIUM and TYPES: BM (diat.), CRK ("plants"); other diatom coll. at AWM, PH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 296; BB p. 281; BM 4: 1950; CSP 5: 733; Desmond p. 570 (b. 12 Jan 1808, d. 6 Oct 1857); De Toni 1: cxvi-cxvii, 2: cix-cx, cxxv; IH 1 (ed. 6): 364, (ed. 7): 343; Jackson p. 243, 414; NI 1868; Nordstedt p. 29; PR 8753.

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Note: Booknumber 12.304 has not been used.

12.305. *A synopsis of the British Diatomaceae*; with remarks on their structure, functions and distribution; and instructions for collecting and preserving specimens ... London (printed for Smith and Beck, ... published by John van Voorst, ...) 1853-1856, 2 vols. Oct. (*Syn. Brit. Diat.*).
Artist: Tuffen West (1823-1891).
1: 1853 (p. [iii]: Mar 1853), frontisp. (coll. lith.), p. [i]-xxxiii, [xxxiv], [1]-89, [1-2, adv. slides Diat.], *pl. 1-29*, suppl. *pl. 30-31* (uncol. liths.).
2: 1856 (p. iv: Mar 1856), frontisp. (col. lith.), [i]-xxix, [xxx], [1]-107, [1-4, adv. slides], *pl. 32-59*, suppl. *pl. 60-62* (uncol. liths.), *pl. A-E* (col. liths.).
Copies: AWH, FH, G, NY, PH; IDC 6405.

12.306. *List of British Diatomaceae* in the collection of the British Museum ... London (published by order of the Trustees) 1859. Duod. (in sixes). (*List Brit. Diat.*).
Publ.: Nov-Dec 1859 (p. iii: 1 Nov 1859), p. [i-iii], [1]-55. *Copies*: BR, PH(2).

Smith, William Gardner (1866-1928), British botanist and ecologist; Dr. phil. München; lecturer in botany at Edinburgh 1894-1897; id. Yorkshire College, Leeds 1897-1908; from 1908 head Biological Dept., East of Scotland College of Agriculture 1908-1926; Advisory officer in agricultural botany 1926-1928. (*Wm.G. Sm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 296; Desmond p. 570 (b. 20 Mar 1866, d. 8 Dec 1928); LS 25059; Tucker 1: 657.

BIOFILE: Anon., Bot. Centralbl. 72: 128. 1897 (app. Leeds); J. Bot. 67: 23. 1929 (d.); Anon., Nat. Nov. 19: 518. 1897 (app. Leeds); Nature 123: 101. 1929 (obit.); Pharm. J. 1928: 591 (obit.).
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12.307. *Untersuchung der Morphologie und Anatomie der durch Exoasceen verursachten Spross- und Blattdeformationen.* Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosphischen Fakultät der Universität zu München ... München (M. Rieger'sche Universitäts-Buchhandlung ...) 1894. Oct. (*Unters. Exoasc. Spross-Deform.*).
Thesis issue: Oct 1894 (Bot. Zeit. 1 Jan 1895; Nat. Nov. Nov(2) 1894), p. [1]-49, *1 uncol. pl. Copies*: FH, M. – Preprinted and reprinted from Forstl.-naturw. Z., see below.
Journal issue: in Forstl.-naturw. Z. 3: 420-427. Oct 433-465. Nov, 473-482. Dec 1894.
Italian translation: 1895 (by N.N. Berlese), Rivist. Patol. veg. 3: 245-301. 1895. "*Ricerche*

morfo-anatomiche sulle deformazioni prodotte dalle Exoascacee nei germogli e nelle foglie".

Smith, William Wright (1875-1956), British botanist; MA Edinburgh 1896; high school teacher Edinburgh 1896-1902; lecturer in botany, Edinburgh University 1902-1907; keeper herbarium Royal Botanic Garden, Calcutta 1907-1911; deputy keeper, Royal Botanic Garden, Edinburgh 1911-1922; regius keeper and director of the garden ib. 1922-1956; Veitch memorial medal 1929; knighted 1932. (*Wm.W. Sm.*).

HERBARIUM and TYPES: E; further material at A, B (mainly destr.), CAL, L, WRSL. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 664; Barnhart 3: 296; BJI 2: 167; Bossert p. 374; Desmond p. 571 (b. 2 Feb 1875, d. 15 Dec 1956); Hirsch p. 279; Hortus 3: 1204; Lenley p. 378; MW p. 460-461, suppl. p. 327; PH 209; TL-2/see G. Forrest; Tucker 3: 287; Urban-Berl. p. 399; Zander ed. 10, p. 718, ed. 11, p. 819.

BIOFILE: Anon., Bull. misc. Inf. Kew 1907: 403 (app. Calcutta), 1938: 214 (honorary professor of botany to the Royal Horticultural Society); Empire Forestry Rev. 1957: 3-4 (obit.); Forestry 30(1): 45. 1957 (obit. not.; p.p. erron.); Gard. Chron. 1932: 434 (knighthood), 1956: 676 (obit. not.); Who's who (London): 1923-1957; Who was who (London) 5: 1020. 1951-1960.
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EPONYMY: *Smithiodendron* Hu (1936); *Smithorchis* Tang et Wang (1936).

12.308. *The genus Primula* by W. Wright Smith, G. Forrest, H.R. Fletcher. Reprint ... Vaduz (J. Cramer in der A.R. Gantner Verlag Kommanditgesellschaft) 1977. Oct.
Co-authors: George Forrest (1873-1932), Harold Roy Fletcher (1907-1978).
Publ.: a facsimile reprint of 22 papers published in various journals; reprinted with original pagination as well as new continuous pagination, p. [i*-iii*], 1-835. *Copies*: BR, FAS, G, M, NY. – Plant Monograph Reprints 11, ISBN 3-7682-1118-5.
1: The sections of the genus Primula, J.R. Hort. Soc. 54(1): 4-50. Jan 1929; itself reprinted with alterations from Notes R. Bot. Gard. Edinburgh 16: 1-50, *pl. 224-225*. Mar 1928 (Smith and Forrest).
2: Additions to the genus Primula, Notes R. Bot. Gard. Edinburgh 19: 223-231. Oct 1931 (Smith).
3: The genus Primula: section Candelabra, Trans. Proc. Bot. Soc. Edinburgh 33(2): 122-181. 1941.
4: ...: section Amethystina, ib. 33(3): 209-226. 1942 (Smith, Fletcher).
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18: ...: Farinosae, ib. 61(1): 61(1, 1): 1-69. 16 Nov 1943 (Smith, Fletcher).
19: ...: Petiolares, ib. 61(2, 10): 271-314. 7 Dec 1944 (Smith, Fletcher).
20: ...: sections Obconica et al., ib. 61(2, 17): 415-478. 6 Dec 1944 (Smith, Fletcher).
21: ...: sections Cuneifolia et al., ib. 61(3, 22): 631-686. 8 Sep 1948 (Smit, Fletcher).
22: ....: Additions and Corrections, Trans. Proc. Bot. Soc. Edinburgh 35(2): 180-202. 1950 (Smith, Fletcher).

Smith, Worthington George (1835-1917), British mycologist, antiquarian and botanical artist; artist for the Gardener's Chronicle 1869-1910 and of the Floral Magazine 1870-1876; Veitch Memorial Medal 1907. (*W.G. Sm.*).

HERBARIUM and TYPES: BM (fungi and preparations); original water colors and other illustrations also at BM. – *Letters* to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 117, 285, 306, 347; Andrews p. 333; Barnhart 3: 296; BB p. 282; BL 2: 214, 220, 717; BM 4: 1951-1952, 8: 1209; Bossert p. 374; Desmond 571 (b. 23 Mar 1835, d. 27 Oct 1917); Hawksworth p. 186; Herder p. 365; Hortus 3: 1204; Jackson p. 164, 168, 244; Kelly p. 216; KR p. 655; Lenley p. 378-379; LS 25060-25296, 39350-39357 (bibl.); Morren ed. 10, p. 73; NI 2: 269 (index); Rehder 5: 806; Stevenson p. 1258; TL-2/463, 1798, 2926, 8619; Zander ed. 10, p. 718, ed. 11, p. 819.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 224: 875-876. 1964; Gard. Chron. 1907(1): 188 (portr., cartoon, Veitch Mem. Medal), 1917(2): 180-181 (obit., portr., cartoon); J. Bot. 13: 126. 1875 (1300 drawings of British fungi acquired by BM), 30: 127. 1892 (further drawings id.), 43: 224. 1905 (mss. acquired by BM), 54: 248. 1916 (250 drawings of cult. pl. acquired by BM); J. Bot. 55: 360. 1917 (d.); J. Hort. Home Farm. 64: 214. 1912 (biogr. sketch, portr.); Mycologia 10: 170. 1918 (d.); Nature 100: 170 (d.), 191 (obit.), 209. 1917.
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Britten, J., J. Bot. 56: 243-247. 1918 (obit.), 59: 87. 1921 (criticism of C.G. Lloyd's note of 1920).
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Woodward, B.B., *in* G. Murray, Hist. coll. BM(NH) 1: 50. 1904 (orig. drawings BM).

COMPOSITE WORKS: (1) Artist for R. Hogg, *Wild fl. Gr. Britain* [1861], 1863-1880, see TL-2/2926; idem for R. Hogg and G.W. Johnson, *A selection of the eatable funguses of Great Britain*, London s.d. [1866?].
(2) Editor and artist, *The floral Magazine* vols. 8-10 & new series, 1869-1875.
(3) [Fungi of the Fiji Islands] *in* B. Seemann, *Fl. vit.* 421-423. 1871.
(4) With W.H. Fitch, *Ill. Brit. fl.* 1880 [1879] and further editions, see TL-2/1798 [additions to entry TL-2/1798: *Ed. 1, copies*: HH, NY, USDA; *ed. 5*, third reprint Ashford, Kent, (L. Reeve & Co., ...) 1944, p. [i]-xxvii, [1]-338. *Copies*: PH, USDA].
(5) Co-editor and artist with W.W. Saunders, *Mycol. ill.*, parts 1-2, Mai 1871 and Jul 1874, see under Saunders.
(6) Illustrated M. Plues, *Select. fung. Gr. Brit.* 1866, TL-2/8061.

12.309. *Mushrooms and toadstools*: how to distinguish easily the differences between edible and poisonous fungi. With two large sheets containing figures of twenty-nine edible and thirty-one poisonous species drawn the natural size and coloured from living specimens ... London (Robert Hardwicke, ...) 1867. Oc. (*Mushr. toadst.*).
Ed. [*1*]: 1867, p. [i]-x, [11]-64, 2 charts (col. liths.). *Copy*: FH.
Ed. 2: 1875, p. [1]-64, 2 charts. *Copy*: NY.
Ed. 3: n.v.
Ed. 4: 1879, p. [1]-64, 2 charts. *Copy*: NY.

12.310. *Clavis agaricinorum*: an analytical key to the British Agaricini, with characters of the genera and subgenera ... London (L. Reeve & CO., ...) 1870. Oct.
Publ.: 1 Mai-1 Aug 1870 (in journal), p. [1]-40, *pl. 1-6*. *Copies*: FH, NY, PH. – Reprinted and to be cited from J. Bot. 8: 137-145, 1 Mai 1870, 176-182, 1 Jun 1870, 213-223, 1 Jul 1870, 246-252. 1 Aug 1870.

12.311. *Outlines of British fungology*: *Supplement* ... London (L. Reeve & Co., ...) 1891. Oct. (*Outl. Brit. fungol. Suppl.*).
Supplement: to M.J. Berkeley, Outl. Brit. fungol. 1860, TL-2/463.
Publ.: Sep-Oct 1891 (Bot. Zeit. 27 Nov 1891; J. Bot. Oct 1891), p. [i]-xii, [1]-386. *Copies*: BR, FH, MO, Stevenson.
Ref.: G.M., J. Bot. 29: 378-380. Dec 1891 (rev.).

12.312. *Guide to Sowerby's models of British fungi* in the Department of Botany British Museum (Natural History) ... [London] (printed by order of the Trustees) 1893. Oct. (*Guide models Brit. fung.*).
Publ.: 1893 (USDA rd 31 Jul 1893; Vet. Akad. Stockh. rd before 10 Mai 1893; J. Bot. Apr 1903("just received")), p. [1]-82. *Copies*: BR, FH, PH, USDA.
Reissue: 1898, p. [1]-82. *Copies*: MO, NY(2).
Ed. 2: 1908 (p. [iii]. Oct 1908; J. Bot. Dec 1908 (rev.), p. [i-iv], [1]-85. *Copy*: BR. – Second edition, revision.
Ref.: A.L.S., J. Bot. 46: 399-400. Dec 1908 (rev.).

12.313. *Synopsis of the British basidiomycetes* a descriptive catalogue of the drawings and specimens in the Department of Botany, British Museum ... London (printed by order of the Trustees of the British Museum) 1908. Oct. (*Syn. Brit. basidiomyc.*).
Publ.: Nov 1908 (p. [iii]: Oct 1908; BR copy rd 24 Nov 1908; Nat. Nov. Dec(2) 1908; Bot. Centralbl. 23 Feb 1909; ÖbZ for Feb 1909), p. [i-iii], [1]-531, [532, imprint], *pl. 1-5*. *Copies*: B, BR, FH, G, MICH, MO, NY, PH, Stevenson, US, USDA. – See also J. Ramsbottom, *Handb. larg. Brit. fung.* 1923, TL-2/8619.
Ref.: Cotton, A.D., Bot. Centralbl. 110: 661. 1909 (rev.).
Rea, Carleton, J. Bot. 47: 32-35. 1909 (rev.).

12.314. *Guide to Mr Worthington Smith's drawings of field and cultivated mushrooms* and poisonous or worthless fungi often mistaken for mushrooms exhibited in the Department of Botany British Museum (Natural history). London (printed by order of the Trustees of the British Museum) 1910. Qu. (*Guide drawings mushrooms*).
Publ.: 1910 (p. [2]: Jul 1910), p. [1]-24, 2 col. charts. *Copies*: BR, G.
Ref.: Britten, J., J. Bot. 48: 261-263. Oct 1910 (rev.).

Smitt, Johan Wilhelm (1821-1904), Swedish mycologist, ultimately consul for Argentina in Stockholm 1875-1902. (*Smitt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 297; BM 4: 1954; KR p. 655 (b. 3 Feb 1821, d. 8 Oct 1904); PR 8754.

BIOFILE: Wittrock, Acta Horti Berg. 3(2): 71. 1903, 3(3): 53. 1905.

12.315. *Skandinaviens förnämsta ätliga och giftiga svampar.* Populär framställning, utgifven

som förklaring öfver en större färgtryckt planche ... Stockholm (på utgifvarens förlag) 1863. Oct. (*Skand. ätl. gift. svamp.*).
Ed. 1: 1863 (p. iv: 6 Jun 1863), p. [i-iv], [1]-69, [1-2, index]. *Copies*: FH, NY. – Neither copy was accompanied by the plate mentioned on the t.p.; however, this plate exists, see KR p. 655, no. 1.
Ed. 2: 1867, p. [1]-73, [1-2, index]. *Copies*: NY. – Not accompanied by the plate.
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Smuts, Jan Christiaan (1870-1950), South-African statesman, soldier, philosopher and amateur botanist; studied literature and science at the University of Cape of Good Hope and law at Christ's College, Cambridge; lawyer at Cape Town 1895-1897; state attorney of the Transvaal 1898; later in the South African army, in politics and prime minister of S. Africa 1919-1924, deputy prime minister 1933-1939, prime minister 1939-1948. (*Smuts*).

HERBARIUM and TYPES: K and PRE; further material at BOL and STE.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 297; BL 1: 59, 319; BM 8: 1210; Bossert p. 375; DNB 1941-1950: 797-804 (A.M. Keppel-Jones); Tucker 3: 287.

BIOFILE: Anon., Biography Index 1: 884, 2: 908, 3: 886, 4: 779, 5: 672, 6: 550, 7: 623-624, 8: 635, 9: 660, 10: 709, 10: 236, 11: 732 (numerous bigr. refs.); Brit. Mus. gen. cat. print. books 225: 47-50. 1964; Grand Larousse encycl. 9: 867. 1964; Kew Bull. 1950: 388. 1951 (Smuts and Kew); Who's who (London)) 1912-1950; Who was who (London) 4: 1075-1076. 1941-1950.
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Levyns, M.R.B., Insnar'd with flowers 206 [index]. 1977.
Poel, J. v.d. and S.I.M. Duplessis, *in* Suid-Afr. biogr. woordenboek 1: 769-792. 1968 (extensive biogr. with many biogr. references), also S. Afr. biogr. Dict. 1: 737-758. 1968 (id.); [v.d. Poel:] Stand. Encycl. S. Afr. 10: 15-23. 1974.
Rosenthal, E., S. Afr. Dict. natl. Biogr. 350-352. 1966.
Tölken, H.R., Index herbariorum austro-africanorum 64. 1971 (coll.).
Verdoorn, F., ed., Chron. bot. 1: 367. 1935, 2: 264. 1936, 3: 231. 1937, 5: 35. 1939, 7: 357. 1943.
Waverley, Obit. Not. Fell. Roy. Soc. 21(8): 271-272. 1952.

POSTAGE STAMPS: South Africa 4 c. (1975), yv. 383.

12.316. *Holism and evolution* ... New York (The Macmillan Company) 1926. Oct. (*Holism evol.*).
Publ.: Sep 1926, p. [i]-[xi], [1]-362. *Copies*: George Washington Univ., Univ. Illinois.
Facsimile ed.: 1973, Westport, Conn., ISBN 0-8371-6556-3 (n.v.).

Smyth, Bernard Bryan (1843-1913), Irish-born American botanist, geologist and mathematician, to the United States 1853; professor of botany Kansas Medical College 1890-1895; curator Kansas State Museum Herbarium 1895. (*Smyth*).

HERBARIUM and TYPES: CU, KSC, NY, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 297 (b. 8 Mar 1843, d. 12 Aug 1913), 2: 181, 319; BM 4: 1954; Hortus 3: 1204; Lenley p. 379; PH 132; Rehder 1: 326; SIA 220, 1010014; Tucker 1: 657, 2: xxxv.

BIOFILE: Anon., Trans. Kansas Acad. Sci. 25: 184-185. 1913 (obit., portr.).
Cattell, J.M., Amer. men sci. ed. 1: 299-308. 1906, ed. 2: 439-440. 1910.

EPONYMY: *Smythea* B.C. Seemann ex A. Gray (1862) honors a Col. Smythe, R.A.

12.317. *Checklist of the plants of Kansas.* Showing all locations and finders of every plant in the state, so far as known or reported. 1789 flowering plants and 164 ferns and mosses. Compiled and published by Bernard B. Smyth, botanical collector of native plants of the plains. Topeka, Kansas, U.S.A. August 1892. Oct. (*Checkl. pl. Kansas*).
Ed. 1: 1869, n.v.
Ed. 2: Aug 1892 (title as above; TBC 10 Oct 1892), p. [1]-36. *Copies*: HH, MICH, MO, NY, PH. – The NY copy has a supplementary slip tipped in, dated 1 Oct 1892.
Ed. 2, other issue plus suppl.: Mar 1893 (t.p. as first issue, dated August 1892), p. [1]-36, has a supplement on p. 35-36, "supplement, Mar. 15, 1893".
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Catalogue of the flora of Kansas i-ii, Trans. Kansas Acad. Sci. 23/24: 273-295. Jan 1911, 25: 63-128. Dec 1912.

Smyttère, Philippe Joseph Emmanuel de (1800-?), Northern French botanist and physician; government physician and pharmacist in Paris. (*Smyttère*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR ed. 1: 2519-2521; Rehder 5: 806; Tucker 1: 657.

BIOFILE: Anon., Cat. gén. livr. impr. Bibl. natl., Auteurs 174: 475-479. 1948 (bibl.).

12.318. *Phytologie, pharmaceutique et médicale*, ou végétaux envisagés sous les rapports anatomique, physiologique, taxonomique, chimique, pharmacologique et thérapeutique; ... Paris (Librairie de F.-G. Levrault ...), Bruxelles (Librairie Parisienne ...) 1829. Oct. (in fours). (*Phytol. pharm. méd.*).
Publ.: 1829 (in two parts, but part 2 without separate t.p.), [p. [i*-ii*], [i-viii; t.p. = i], [1]-122, [(1)]-(148), [1-20,index]. *Copies*: BR, G, NY.

12.319. *Tableaux synoptiques d'histoire naturelle* médicale, (Règne organique), ou végétaux et animaux, envisagés sous les rapports, physique, pharmacologique, chimique et thérapeutique; ... Paris (Librairie de F.-G. Levrault, ...) 1830. Fol. (*Tabl. syn. hist. nat.*).
Ed. 1: 1830, p. [i-vi], [1-2, zool.], [1-12, bot.]. *Copy*: HH.
Ed. 2: 1833, p. [i-iii], 1-148, 20 p. indices, *Copy*: HU. – Tableaux ... naturelle pharmaceutique et médicale, ou phytologie et zoologie envisagées philosophiquement ... deuxième édition ... Paris (Librairie médicale de Crochard) 1833.
Ed. 2, plates: 1836, p. [i, iii], [1]-6, *pl. 1-60* (folded, double-oblong, figures and text on one leaf, partly col.). *Copies*: BR, NY. – "*Tableaux synoptiques* ..."

Snell, Karl (1881-1956), German agricultural botanist; Dr. phil. München 1907; assistant at Bonn-Poppelsdorf Agricultural Station 1907-1911; in charge of the botany dept. of the Cairo Agricultural Institute 1912-1919; plant physiologist at the Potato Research Institute at Berlin-Steglitz 1919-1924; Biologische Reichsanstalt für Land- und Forstwirtschaft, Berlin-Dahlem 1924-1950. (*K. Snell*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 297 (b. 19 Jan 1881); Biol.-Dokum. 17: 8741, 8742-8743; Hirsch p. 280; LS 39360, suppl. 26008-26012.

BIOFILE: Anon., Angew. Bot. 30: 105. 1956 (obit. not., portr., d. 19 Jun 1956); Bot. Centralbl. 140: 160. 1919 (app. Berlin-Steglitz); Hedwigia 52: (155). 1912 (from Bonn-Poppelsdorf to Cairo); Österr. bot. Z. 68: 196. 1919 (app. Berlin-Steglitz).
Oberschelp, R., Gesamtverz. deut. Schriftt. 123: 78. 1980.
Verdoorn, F., ed., Chron. bot. 1: 131, 132. 1935, 2: 2, 144, 171. 1936, 3: 123, 151. 1937, 5: 53. 1939, 6: 306. 1941, 119: 32. 1912 (to Cairo).

12.320. *Die Kartoffel.* Geschichte, Bau und Lebenserscheinungen, Nutzen und Anbau von Solanum tuberosum L. mit einer Beschreibung der Zuchtstätten der deutschen

Kartoffel, der Kartoffelsorten und der Kartoffelkrankheiten ... Freiburg i.Br. (Verlag von Theodor Fisher [sic]) 1922. Oct. (*Kartoffel*).
Publ.: 1922 (ÖbZ Mai-Sep 1922), p. [i-iv], [1]-96. *Copy*: B. – Naturschätze der Heimat, Heft 3.

Snell, Walter Henry (1889-1980), American mycologist; baseball player for Yale, Brown and Boston; studied botany at Brown Univ. from 1913; professional baseball player 1913-1916; forest pathologist Madison Wisc., 1918-1920; Dr. phil. Madison Wisc. 1920; forest pathologist with the New York State Department of Conservation from 1920; professor of botany at Brown University 1920-1959; emeritus professor id. from 1959. (*Snell*).

HERBARIUM and TYPES: BPI; further material at KIRI (teaching coll.), MICH. – Some original drawings of *Boletus* at MICH; library at BRU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 297 (b. 19 Mai 1889); BM 8: 1210; Bossert p. 375; IH 1 (ed. 6): 364, (ed. 7): 343; Kelly p. 216; Roon p. 106; Stevenson p. 1258; Tucker 3: 287.

BIOFILE: Anon., Who's who Amer. 27-32. 1952-1963; Who's who New England 3: 1175-1176. 1938.
Barry, J., Gentlemen under the elms, published by Brown Alumni Monthly 1982, p. 111-123 (biogr., portr., d. 23 Jul 1980).
Cattell, J.M. ed., Amer. men Sci. eds. 3-11, 1921-1967.
Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 50, 63, 64. 1981.
Rogerson, C.T., Mycologia index volumes 1-58. 1968, p. 1055-1056.
Snell, W.H., Publications 1919-1971, mimeographed, 3 p.

12.321. *Notes on Boletes*. i-xiv. Reprinted from Mycologia, vols. xxiv-liii, 1932-1961.
Publ.: A series of publications in Mycologia, reprinted with cover-t.p., and original pagination. Sets of reprints at FH and NY. – For actual dates of publication see C.T. Rogerson (1968).
1: 2 Mai 1932, in Mycologia 24(3): 334-341.
2: 1 Jun 1933, in 25(3): 221-232.
3: 1 Aug 1934, in 26(4): 348-359.
4: 1 Feb 1936, in 28(1): 12-23.
5: 1 Oct 1936, in 28(5): 463-475.
6: 1 Feb 1941, in 33(1): 23-37; co-author: Esther A. Dick.
7: 7 Jun 1945, in 37(3): 374-388.
8: 3 Jul 1951, in 43(3): 359-364; co-authors: Esther A. Dick and Lexemuel Ray Hesler.
9: 2 Mai 1956, in 48(2): 302-310; co-author: Esther A. Dick.
10: 4 Apr 1958, in 50(1): 57-65; co-author: Esther A. Dick.
11: 4 Mai 1960, in 51(4): 564-577; co-authors: Rolf Singer and Esther A. Dick.
12: 2 Jun 1961, in 52(1): 130-136; co-author: Esther A. Dick.
13: 8 Aug 1961, in 52(3): 444-454; co-author: Esther A. Dick.
14: 18 Apr 1962, in 53(3): 228-236; co-author: Esther A. Dick.
Final publication: W.H. Snell and E.A. Dick, *The Boleti of Northeastern North America*, Lehre (J. Cramer) 1970, 115 p., *87 pl.* col.), see Taxon 20: 180. 1971. – ISBN 3-7682-0681-5.

12.322. *Tentative keys to the Boletaceae* of the United States and Canada ... Publication number 1 of The Rhode Island Botanical Club Providence, R.I. [1936]. (*Tent. keys Boletac.*).
Publ.: Jan 1936 (FH and NY copies rd 1 Feb 1936; Mycologia 1 Apr 1936), p. [1]-25, loose err. slip. *Copies*: FH, NY.

12.323. *Three thousand mycological terms* ... Publication no. 2 of The Rhode Island Botanical Club, Providence, R.I. 1936. Oct. (*Mycol. terms*).
Publ.: 1936 (p.: 1 Jun 1936), p. [1]-151, *pl. 1-12* (on 6; uncol.; Henry A.C. Jackson). *Copies*: FH, MO, NY, US, USDA.

Snelling, Lilian (1879-1972), British botanical artist; at the Royal Botanic Garden, Edinburgh 1916-1921; artist and lithographer at the Royal Botanic Gardens, Kew 1922-1952, illustrated e.g. the Botanical Magazine. (*Snelling*).

HERBARIUM and TYPES: K, NMW. – Original drawings mainly at K; some at HI.

BIBLIOGRAPHY and BIOGRAPHY: Blunt p. 188, 251, 254, 264, *pl. 45b*; Bossert p. 375; Desmond p. 572 (b. 8 Jun 1879, d. 12 Oct 1972); NI, see indexes; TL-1/341; TL-2/1664.

BIOFILE: Anon., Bot. Mag. 169(4): 1. 1953 (portr., tribute).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 229.462, 269.333. 1980.
Daniels, G.S., Artists R.B.G. Kew 56-57. 1974 (biogr. sketch, portr.).
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Rix, M., The art of the botanist 198, 214, 216. 1981.
Sealy, J.R., The Times 17 Oct 1972.

Snooke, William Drew (1787-1857), British naturalist. (*Snooke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 298 (b. 6 Nov 1787, d. 5 Sep 1857); BB p. 282; Desmond p. 572; Jackson p. 254; Rehder 1: 397.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2172. 1878.
Anon., Brit. Mus. gen. cat. print. books 225: 211. 1964.
Verdoorn, F., ed., Chron. bot. 3: 19. 1937.

12.324. *Flora vectiana*: being an arrangement of the more rare and interesting plants indigenous to the Isle of Wight ... London (printed by Richard Taylor, ...) 1823. Duod. (*Fl. vect.*).
Publ.: 1823, p. [i]-vii, [viii], [1]-35. *Copies*: HH, NY. – This anonymous publication is attributed to W.D. Snooke by W.A. Bromfield, Fl. vect. 1856, p. vii (TL-2/792), however, to John Albin and W.D. Snooke *in* W. Withering, Arr. Brit. pl. ed. 7. 4: 433. 1830.

Snow, Charles Henry (1863-1957), American civil engineer and wood technologist; private practice 1880-1891; acting professor of civil engineering New York University 1891-1897; dean of the School of University and professor of civil engineering 1897-1931; emeritus dean from 1931. (*C. Snow*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 298 (b. 24 Mar 1863); BM 4: 1956; Tucker 1: 657, 3: 287.

BIOFILE: Anon., Natl. cycl. Amer. biogr. 48: 298-299. 1965; New York Times 30 Oct 1957 (obit.); Who's who Amer. 3-26, 1903-1951; Who was who Amer. 3: 802. 1960; Who's who New York ed. 7: 997-998.
Cattell, J.M., ed., Amer. men sci. ed. 5: 1045. 1933, ed. 6: 1328. 1938, ed. 7: 1665. 1944.

12.325. *The principal species of wood*: their charcteristic properties ... New York (John Wiley & Sons), London (Chapman and Hall, Limited) 1903. Oct. (*Princ. sp. wood*).
Ed. 1: 1903, p. [i]-xvi, [1]-203, *pl. 1-39*. – *Copies*: HH, MO, NY, USDA.
Ed. 2: 1908 (p. iv: 1 Mar 1908), p. [i]-xvi, 1-212, *pl. 1-37*. *Copy*: USDA. "Second edition, revised and enlarged ..." New York (id.), London (id.) 1908.

12.326. *Wood* and other organic structural materials ... New York (McGraw-Hill Book Company), Inc. ...), London (Hill Publishing Co., ...) 1917. Oct. (*Wood*).
Publ.: 1917 (p. vi: 1 Jun 1917), p. [i]-xviii, 1-478, *pl. 1-20*. *Copy*: USDA.

Snow, Julia Warner (1863-1927), American algologist; Dr. phil. Zürich 1893; with the University of Michigan 1893-1900, from 1898 as instructor; instructor in botany at Rockford College, Illinois, 1900-1901; botanical assistant (1901), instructor (1902) and associate professor (1906) of botany at Smith College (Mass.), 1900-1927. (*J. Snow*).

HERBARIUM and TYPES: Unknown. – *Letters* to W.G. Farlow at FH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 298 (b. 30 Aug 1863, d. 24 Oct 1927); Hirsch p. 280; Nordtstedt suppl. p. 15.

BIOFILE: Anon., Bot. Centralbl. 77: 320. 1899(app. Univ. Mich.), 83: 175. 1900 (app. Rockford Coll.); Bot. Soc. Amer., Publ. 96: 14. 1928 (commem. resolution); Hedwigia 39: (195). 1900 (app. Rockford Coll.); Torreya 27: 112. 1928 (d.).
Cattell, J.M., ed., Amer. men sci. ed. 1: 301. 1906, ed. 2: 440. 1910, ed. 3: 643. 1921, ed. 4: 919. 1927.
Prescott, G.W., Bibl. Desmid. univ. 473. 1984.
Rossiter, M.W., Women scientists in America 19, 40. 1982.

EPONYMY: *Snowella* A.A. Elenkin (1938).

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Publ.: 4 Aug 1903 (copies so stamped), p. [i], 369-394, *pl. 1-4* (col. liths. auct.). *Copies*: FAS, NY, US. – Preprinted or reprinted from U.S. Fish Commission Bull. 1902: 369-394, *pl. 1-4*. 1903.

Snowden, Joseph Davenport (1886-1973), British botanist; gardener at Kew 1909-1911; assistant agricultural officer in the Agricultural Department of Uganda 1911, district agricultural officer ib. 1918, senior district agricultural officer 1928, economic botanist 1930-1931; in retirement at Chiswick and Barton-on-Sea. (*Snowden*).

HERBARIUM and TYPES: BM. – Grasses and Sorghum note-books at K. – Further material at A, DBN (bryo.), IMI, MO.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 375; Desmond p. 572 (b. 31 Mai 1886, d. 9 Mai 1973); Langman p. 706-707; MW p. 461, suppl. p. 327; Stevenson p. 1258; Zander ed. 10, p. 718, ed. 11, p. 820.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 225:'247. 1964; Bull. misc. Inf. Kew 1911: 162. (app. Uganda); Nature 134: 844. 1934 (donates herb., 2300, to BM).
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Hubbard, C.E., J. Kew Guild 7: 761-762. 1960 (biogr. sketch), 9: 345-346. 1974 (obit.).
Verdoorn, F., ed., Chron. bot. 2: 184, 185. 1936, 3: 161, 162. 1937.

EPONYMY: *Snowdenia* Hubbard (1929).

12.328. *The cultivated races of Sorghum* ... London (printed for the trustees of the Bentham-Moxon Fund by Adlard & Son, Ltd ...) 1936. Oct. (*Cult. Sorghum*).
Publ.: Mai 1936 (date on t.p.; BR rd 9 Jun 1936), p. [i]-vii, 1-273, [274]. *Copies*: BR, G, HH, MO, NY.
Preliminary publ.: *A classification of cultivated sorghums*, Bull. misc. Inf. Kew 1935: 221-255. –See also his The wild fodder Sorghums of the section Eu-Sorghum, J. Linn. Soc., Bot. 55: 191-260. 20 Apr 1955.
Ref.: Burkill, I.H., Bull. misc. Inf. Kew 1937: 112-119 (critical).
Rendle, A.B., J. Bot. 74: 242-243. Aug 1936 (rev.).

Snyder, Leon Carlton (1908-x), American botanist; Dr. phil. Univ. Washington 1935; botanist at the University of Washington 1932-1935, with the University of Wyoming 1935-1936; instructor in botany S. Dakota State College 1936-1942, professor of hortic-

ulture ib. 1942-1976, professor of horticulture ib. 1942-1976; emeritus professor of horticulture from 1976. (*Snyder*).

HERBARIUM and TYPES: USFS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 298 (b. 11 Mar 1908); Stevenson p. 1258.

BIOFILE: Anon., Minnesota Farm and Home Science 16(1): 2. 1958 (biogr. sketch, portr.).
Cattell, J.M., ed., Amer. men Sci. ed. 6-14, 1938-1979.

EPONYMY: *Snyderella* Kirby (1929) was named for T.E. Snyder, a specialist in the study of termites.

12.329. *The operculate Discomycetes of Western Washington* ... Seattle (published by the University of Washington) 1938. Oct. (*Operc. Discomyc. W. Washington*).
Publ.: Dec 1938, p. [1]-63, *pl. 1-28. Copies*: G, H, MO, NY.

Sobolewskiy, Gregor [Grigoriy Fedorowich] (1741-1807), Russian physician and botanist; studied at the St. Petersburg General Land Hospital 1757; local practicioner's examination 1761; studied in Paris and Leiden; Dr. med. Leiden 1775; general practitioner's examination 1777; practicing physician and lecturer in materia medica and botany at St. Petersburg, in charge of the Botanical Garden 1779, physician to the guards' regiment 1782-1797, professor of botany at the Academy of medicine and surgery 1795-1803. (*Sobol.*).

HERBARIUM and TYPES: LE; further material at MW.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 661; Barnhart 3: 299; BM 5: 1957; Herder p. 201; Jackson p. 330; LS 25306; PR 8758, ed. 1: 9731; Rehder 1: 360; TR 1309-1311 (bibl.); Tucker 1: 658.

BIOFILE: Asmous, V.C., Chron. bot. 11(2): *pl. 53*. 1947 (repr. frontisp. Fl. petrop. with explanatory text).
Lindemann, E. v., Bull. Soc. imp. Natural. Moscou 61(1): 72. 1886 (herb. to medical academy in St. Petersburg; 128 specimens in Lindemann's herbarium).
Lipschitz, S., Fl. URSS font. 979-980. 1975.
Lipsky, V.I., Imp. S.-Petersb. bot. sada 3: 436-439. 1915 (biogr., bibl., further biogr. data and sec. refs.).
Shetler, S.G., Komarov Bot. Inst. 27, 28, 36, 196. 1967.

EPONYMY: *Sobolewskia* Marschall von Bieberstein (1832).
MANUSCRIPT: *Appendix ad Floram ingricam* sive catalogus plantarum circa Petropolin crescentium a Doctore Gregorio Sobolewsky nuper detectarum secundum ill. Linnaei systema definitarum, quae in Flora ingrica non reperiuntur 1779 (n.v.). Mss. at LE (see Ruprecht, Hist. stirp. fl. petrop. 129-130. 1845 and TR 1309).

12.330. *Flora petropolitana.* Sistens plantas in gubernio petropolitano sponte crescentes, tam eas quae olim in Flora ingrica Krascheninnikovii a Gortero enumeratae sunt, quam novas post annum 1764 hucusque a variis botanicis Petropoli degentibus detectas, nunc vero generice ac specifice descriptas cum additione variarum observationum, atque russica plantarum denominatione, curante ... Gregorio Sobolewskj ... Petropoli [St.-Petersburg] (Typis Collegii imperialis medici) 1799. Oct. [*Fl. petrop.*).
Publ.: 1799 (p. vii: 5 Jul 1799), frontisp., p. [i*-iii*], [i]-vii, [viii], [1]-354. *Copies*: B, G, H, HH, NY, USDA. – Copies of the Russian language *Flora of St. Petersburg*, 1801-1802 (see Ruprecht, Hist. stirp. fl. petrop. no. 1799. 1845 and G. Borszczow, Enum. musc. Ingr. 1857, p. 8), p. [i*-iii*], [i]-vi, [1]-405, [1]-16, [407]-409 and [i], [1]-424, *5 pl.* are at HH and H-UB.

Sodiro, Luigi [Aloysius, Luis] (1836-1909), Italian-born botanist and clergyman (S.J.);

student of Kerner von Marilaun; high school teacher at Ragusa; went to Ecuador 1870 as professor of botany at the Polytechnical college (later University) of Quito; from 1886 also professor of botany at the Agricultural College and charged with the establishment of a botanical garden. (*Sodiro*).

HERBARIUM and TYPES: Q, QPLS; further material at B (mainly destr.), BAF, BP (ca. 6000), BR, E, G, K, NY, MO, OXF, PH, S, SI, US (see Tinajero 1949, 1952). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 299 (d. 14 Mai 1909); BJI 2: 167; BM 5: 1964-1965; Bossert p. 375; Clokie p. 246; CSP 18: 832; Hortus 3: 1204; IF p. 731, suppl. 1: 85; IH 1 (ed. 7): 343, 2: (files); Lenley p. 379; Morren ed. 10, p. 141; Rehder 1: 340, 2: 93, 849, 3: 543; TL-2/see F.L. Haynald; Tucker 1: 658, 3: 288; Urban-Berl. p. 399; Zander ed. 10, p. 718, ed. 11, p. 820.

BIOFILE: Acosta-Solis, M., Naturalistas y viajeros científicos ... del Ecuador 35-39, 122. 1968 (on botanical work in Ecuador; portr.).
Anon., Bot. Centralbl. 28: 128. 1886 (also prof. bot. Agric. Coll.; bot. gard.); Bot. Not. 1910: 16 (d.); Bull. Soc. bot. France 22 (bibl.): 190. 1875 (plans to finish Jameson's *Syn. pl. aequat.*); Hedwigia 49: (133). 1910 (d.).
Briosi, G., Atti Ist. bot. Univ. Pavia ser. 2. 14: iii-xxi. 1914 (obit., portr., list of taxa descr.).
De Toni, G.B., In memoria del botanico Luigi Sodiro, 1910, 4 p., reprinted from Atti pont. Accad. Rom. Nuovi Lincei 63 (session 20 Feb 1910) (obit., bibl.).
Nicolson, D.H., Huntia 5(1): 3-15. 1983 (publ. on Araceae).
Porter, Le Monde des Plantes 11(61): 47-49. 1909 (obit.).
Tinajero, J.R., Bol. Inst. Bot. Univ. Centr. Quito, Ecuador, 8(8): 57-134. 1949 (herb.). Bot. inst. Ci. nat. Ecuador 1(1): 191-202. 1952 (herb.).
Verdoorn, F., ed., Chron. bot. 4: 85. 1938.

EPONYMY: *Sodiroa* André (1877); *Sodiroella* Schlechter (1921).

12.331. *Una excursion botánico* relacion del P.L. Sodiro S.J. Quito (Imprenta nacional) 1881. (*Excurs. bot.*).
Publ.: 1881 (p. 25: 12 Nov 1881), p. [i], [1]-25. *Copies*: MO, NY, U.

12.332. *Recensio cryptogamarum vascularium provinciae Quitensis.* (Reipublice aequatorianae). Auctore P. Aloisio Sodiro, S.J. Quiti (Typis Curiae ecclesiasticae) 1883. (*Recens. crypt. vasc. Quit.*).
Publ.: 1883 (p. [viii]: 6 Jun 1883; Nat. Nov. Nov(2) 1883), p. [i*], [i]-vii, [1]-112, [113, index; 114, err.]. *Copies*: HH, NY, U, USDA.
Ref.: Meyer (Göttingen), Bot. Centralbl. 26: 37-47. 1886 (extensive review).
Roth, E., Bot. Jahrb. 6 (Lit.): 90-91. 1885 (rev.).

12.333. *Cryptogamae vasculares quitenses* adiectis speciebus in aliis provinciis ditionis Ecuadorensis hactenus detectis. Auctore Aloisio Sodiro S.J. Quiti (Quito) (Typis Universitatis) [1890-] 1893 [-1895]. Qu. (*Crypt. vasc. quit.*). *Qu.*
Publ.: 1890-1893 (in Anales Univ., Quito), Aug 1893 in book form (see below), p. [i*], [i]-iv, [v], [1]-656, [1-11, index], *pl. 1-7* with text (uncol. liths. J.M. Dominguez). *Copies*: B, BR, G, MICH, MO, NY, PH, US, USDA. – The preface, p. iv, is dated 15 Aug 1893. A note in Bull. Torrey bot. Club 20(1): 449. 15 Nov 1893 notes the receipt of a complete copy of the book ("pp. 656, with index and 7 plates"; similar notes appear in Bot. Centralbl. 29 Nov 1893; BSGF séance 10 Nov 1893 and extensive reviews in Bot. Centralbl. 17 Apr 1894 and Hedwigia Jan-Feb 1894. The book was also published in parts in the Annales Univ. Quito (see Morton, 1972) 1890-1895, which would mean (see table below) that the publication in the Annales has priority to at least p. 176 of the book, and that the remaining part must be assumed to have been available in the book in August 1893, but not yet published in the Annales. Morton provides the following data on publication:

Anal. Univ. Quito	publication in book
4(31): 294-291. 15 Oct 1890	not in book
6(44): 58-74. Mar 1892	1-16
6(45): 146-154. Apr 1892	17-24 (line 41)
6(46): 229-237. Mai 1892	24 (bottom line)-32 (line 31)
6(47): 373-380. Jun 1892	31 (line 32)-39 (line 33, footnote)
7(49): 79-80. Aug 1892	39 (line 34)-47 (line 21)
7(50): 103-118. Sep 1892	47 (line 22)-62
7(51): 173-190. Oct 1892	63-80 (line 23)
7(53): 298-306. Dec 1892	80 (line 23)-88 (line 40)
8(54): 8-15. Jan 1893	88 (line 41)-96 (line 22)
8(55): 65-80. Feb 1893	96 (line 23)-111 (line 29)
8(56): 141-157. Mar 1893	111 (line 30)-128 (line 16)
8(57): 209-217. Apr 1893	128 (line 17)-136 (line 46)
8(58): 261-276. Mai 1893	136 (line 47)-152 (line 3)
8(59): 363-371. Jun 1893	152 (line 4)-160 (line 28)
9(60): 1-17. Jul 1893	160 (line 29)-176 (line 26)

From here onward the publication in the book takes precedence over the publication in the journal:

9(61): 75-91. Aug 1893	176 (line 27)-192 (line 24)
9(62):155-171. Sep1893	192 (line 25)-207 (line 36)
9(63):219-235. Oct 1893	207 (line 37)-222 (line 21)
9(64):310-320. Nov1893	222 (line 22)-237 (line 38)
9(65):365-373. Dec1893	237 (line 39)-245
10(66):1-17. Jan1894	246-261 (line 39)
10(67): 119-142. Feb 1894	261 (line 40)-284 (line 9)
10(68):185-210. Mar1894	284 (line 10)-306 (line 40)
10(69):301-324. Apr1894	306 (line 41)-330 (line 8)
10(71):389-406. Jun1894	330 (line 9)-346 (line 33)
11(72):23-46. Jul1894	346 (line 34)-369 (line 42)
11(73):109-133. Aug1894	369 (line 43)-394 (line 8)
11(74)-199-224. Sep1894	394 (line 9)-418 (line 38
11(75): 312-336. Oct 1894	418 (line 39)-442 (line 9)
11(76):446-470. Nov1894	442 (line 10)-465 (line 30)
11(77):541-565. Dec1894	465 (line 31)-489 (line 31)
12(78):20-44. Jan1895	489 (line 32)-513 (line 23)
12(79):114-138. Feb 1895	513 (line 24)-536 (line 32)
12(80): 231-254. Mar 1895	536 (line 33)-559 (line 19)
12(81):314-337. Apr1895	559 (line 20)-582 (line 11)
12(82):395-418. Mai1895	582 (line 12)-605 (line 5)
12(83): 475-502. Jun 1895	605 (line 6)-631
Anal.Univ.Centr.Rep. Ecuad.13(84):46-75.	
Oct 1897	632-656 and index (reset)

Ref.: Anon., Hedwigia 33: (29)-(30). 1894 (lists new taxa until p. 656).
Dichtl, A., Bot. Centralbl. 58: 126-130. 17 Apr 1894 (rev. complete work).
Morton, C.V., Amer. Fern J. 62(2): 57-64. 1972.

12.334. *Piperaceae sodiroanae* auctore C. de Candolle [Bull. Herb. Boissier 1(6,7). 1898]. Oct.
Author: Alphonse Louis Pierre Pyramus de Candolle (1806-1893); Sodiro was the collector.
1: Jun 1898, p. [1]-19. *Copy*: U. – Issued and to be cited as Bull. Herb. Boissier 6(6): 477-495. 1898.
2: Jul 1898, p. [20]-36. *Copy*: U. – Id. 6(7): 505-521. 1898.

12.335. Contribuciones al conocimiento de la flora ecuatoriana ... Monografia i

Piperaceas ecuatorianas. Quito (Tip. de la Escuela de Artes y Oficios) 1900. Qu. (*Piperac. ecuator.*).

Publ.: 1900 (p. iii: 15 Feb 1900), p. [i*], [i]-iii, [1]-196, *pl. 1-21* (uncol.; V. Padilla), Nuevas adiciones (s.d.; no t.p.): [1]-11, [12, index]. *Copies*: BR, FI, G, HH, NY, PH, USDA.

12.336. *Anturios ecuatorianos* (gen. Anthurium Schoit [sic] ord. Aroideas) Diagnoses previas [Quito 1901].

Publ.: Nov 1901 (p. 2: 2 Oct 1971; journal issue dated Oct 1901), p. cover-t.p., p. [1]-17. *Copies*: G, MO, NY. – Reprinted from Anal. Univ. Quito 15(108): 1-18 [sic]. Oct 1901. – See Nicolson (1983), p. 5. This is the slightly revised edition; the journal issue was somewhat earlier. Nicolson provides a complete survey of Sodiro's publications on Araceae.

12.337. Contribuciones al conocimiento de la flora Ecuatoriana ... Monographia ii. *Anturios ecuatorianos*. Quito (Tip. de la Escuela de Artes y Oficios) 1903. (*Anthurios ecuator.*).

Publ.: Nov 1903 (p. xviii: 26 Nov 1903), p. [i*], [i]-xxxii, [1]-231, [1]-7, *pl. 1-28* (uncol.). *Copies*: BR, G, HH, MO, NY, PH, USDA. – See Nicolson (1983) for the periodical edition which was published in the Anal. Univ. Centr. Ecuador 15-17, Jan 1902-Mar 1903.

Suplemento 1: late Jun 1905, p. [i*], [i]-iii, [1]-100, [101-102], *pl. A, 1-10*. *Copies*: G, HH, NY, PH, USDA. – Reprinted and to be cited from Anal. Univ. Centr. Ecuador 19: 265-296. Feb 1905, 307-308. Mar 1905, 20: 1-32. Apr 1905, 91-98. Mai 1905.

Suplemento 1, also published in Rev. chil. Hist. nat. 9 (4-6). 30 Aug-31 Dec 1905, see Nicolson.

Suplemento 2, 1907, p. 1-23, reprinted from Anal. Univ. Centr. Ecuador 22(156): 20-39. Oct(?) 1906.

12.337. Contribuciones al conocimiento de la flora Ecuatoriana ... Monographia ii. *Anturios ecuatorianos*. Quito (Tip. de la Escuela de Artes y Oficios) 1903. (*Anthurios ecuator.*).

Publ.: Nov 1903 (p. xviii: 26 Nov 1903), p. [i*], [i]-xxxii, [1]-231, [1]-7, *pl. 1-28* (uncol.). *Copies*: BR, G, HH, MO, NY, PH, USDA. – See Nicolson (1983) for the periodical edition which was published in the Anal. Univ. Centr. Ecuador 15-17, Jan 1902-Mar 1903.

Suplemento 1: late Jun 1905, p. [i*], [i]-iii, [1]-100, [101-102], *pl. A, 1-10*. *Copies*: G, HH, NY, PH, USDA. – Reprinted and to be cited from Anal. Univ. Centr. Ecuador 19: 265-296. Feb 1905, 307-308. Mar 1905, 20: 1-32. Apr 1905, 91-98. Mai 1905. *Suplemento 1*, also published in Rev. chil. Hist. nat. 9 (4-6). 30 Aug-31 Dec 1905, see Nicolson.

Suplemento 2, 1907, p. 1-23, reprinted from Anal. Univ. Centr. Ecuador 22(156): 20-39. Oct(?) 1906.

12.339. *Compositae aequatorianae* (Extracto de los "Anales de la Universidad de Quito", tomo xviii) [1904].

Publ.: Apr 1903 (in journal), p. [1]-7. *Copies*: HH, MO. – Reprinted and to be cited from Anal. Univ. Quito 18: 1-8 [sic]. 1901.

12.340. *Sertula florae ecuadorensis* ... Quiti (Typis universitatis) 1905-1908, 2 parts.

1 (*Acrosticha, Piper*): Jan 1905 (in journal; reprint dated "1905"; Hedwigia 10 Jul 1905), p. [1]-16, *pl. 1-2* (uncol.). Reprinted and to be cited from Anal. Univ. Central, Quito 19(135): 191-204. Jan 1905.

2 (*Pteridophyta*): Jun 1908 (date t.p. reprint), p. [1]-82, [83-84]. Reprinted and to be cited from Anal. Univ. Central Quito 22(158-159): 21-30. Jan/Feb 1908 (repr. p. 1-12 (part)), 22(160): 89-104. Mar 1908 (repr. p. 12(part)-27(part)), 22(161): 161-176. Apr 1908 (repr. p. 27(part)-42), remaining part not seen in journal issue (p. 43-82 have phanerogams).

Copies: B, BR, G, HH, M, MO, NY.

Ref.: Lellinger, D.B., Amer. Fern J. 70(2): 96-98. 1980 (gives dates of fern parts).

Note: Series 3 and 4 the *Sertula* (left in manuscript by Sodiro) were publishecd by Louis Mille: *Gramineas ecuatorianas*, parts 1 (1929, i.e. 1930) and 2 (1930), in Rev. Coleg. nacl. Vicente Rocafuerte 11 (38-39): 29-64. 1929 (p. 64 dated Apr 1930) (reprinted p. [1]-38), and 11 (40-41): 55-96. 1940 (reprinted p. [1]-44); see also F. Campos, ib. 12: 55-100. 1930.

Söderberg, Daniel Henric (1750-1781), Swedish physician and botanist; student in Uppsala (1767, with Linnaeus) and Lund (1772); Dr. med. Lund 1778; physician at Eskilstuna. (*Söderberg*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 299; BL 2: 546, 718; BM 5: 1964; KR p. 693 (b. 20 Jun 1750, d. 10 Nov 1781); LS 25309; PR ed. 1: 6029, 6122, 10.294; SO 1313, 2403; TL-1/762; TL-2/4840.

BIOFILE: Fries, Th.M., Bref Skrifv. Linné 1(5): 163, 165, 181-183, 212. 1911.

COMPOSITE WORKS: Author of the Linnaean dissertation *Pandora et flora rybyensis* 1771, see TL-2/4840.

Soehns, Franz (*fl.* 1897], German botanist. (*Soehns*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BFM 3216; BJI 2: 167; BM 5: 1965.

12.341. *Unsere Pflanzen* hinsichtlich ihrer Namenserklärung und ihrer Stellung in der Mythologie und im Volksaberglauben ... Leipzig (Druck und Verlag von B.G. Teubner) 1897. Oct. (*Uns. Pfl.*).
Ed. [*1*]: 1897 (Bot. Zeit. 16 Dec 1897; preface 1897; Nat. Nov. Jun(2) 1897), p. [1]-92; reprint n.v. – Reprinted from Z. deut. Unterricht 11: 97-187. 1897.
Ed. 2: Mai-Jun 1899 (preface: Mai 1899; Bot. Zeit. 1 Oct 1899; Nat. Nov. Jul(1) 1899), p. [i]-iv, [1]-134. *Copies*: Crerar Libr., U.
Ed. 3: Jan-Apr 1904 (preface: Dec 1903; Bot. Centralbl. 2 Aug 1904; ÖbZ for Mai-Jun 1904; Bot. Zeit. 1 Jul 1904; Nat. Nov. Mai(2) 1904), p. [i-vi], [1]-177, [178]. *Copy*: Univ. Chicago.
Ed. 4: 1907 (preface: Feb 1907; Bot. Centralbl. 10 Mar 1908; Bot. Zeit. 16 Feb 1908), p. [i-viii], 1-191, [192]. *Copies*: BR. HU – "Mit Buchschmuck von J.V. Cissarz.
Ed. 5: 1912 (p. [viii]: Dec 1911; Bot. Centralbl. 27 Aug 1912), p. [i]-iii, [iv, viii], 1-212. *Copy*: B. – Leipzig und Berlin (Druck und Verlag von B.G. Teubner) 1912. Oct.
Ed. 6: 1920 (p. iv: Aug 1919), p. [i]-iv, 1-218. *Copy*: B-G.

Sönnerberg, Jacob (1770-1847), Swedish physician and botanist; Dr. phil. Lund 1796; Dr. med. ib. 1800; lecturer in anatomy at Lund 1798, adjunct in "economy" 1805-1810; ultimately professor in practical medicine 1818. (*Sönnerberg*).

HERBARIUM and TYPES: Unknown; zool. coll. mentioned by Y. Löwegren.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 300; BM 5: 1970; KR p. 695 (b. 25 Nov 1770, d. 26 Mai 1847); PR 8760, ed. 1: 9736; Rehder 1: 251; SO 152, 767.

BIOFILE: Löwegren, Y., Naturaliekabinett i Sverige 367. 1952 (zool. coll.).
Weibull, M. & E. Tegnér, Lunds Univ. hist. 1668-1868. 2: 148. 1868 (bibl.).

12.342. *Dijudicatio emendationum systematis sexualis linnaeani.* Quam, jussu ampl. ord. philos. Lund modeste exhibent ... d. 21 Novemb. 1798, h. & l.s. [Lund] (Typis C.F. Berling, ...) [1798]. ()*Dijud. emend. syst. Linn.*).
Co-author ("exhibent"; or author? see KR p. 695), Andreas Petrus Segersten.
Publ.: 1-21 Nov 1798 , p. [1]-20. *Copies*: B-S, HU, Univ. Chicago. – KR (p. 695) notes

that this publication is not mentioned by S. in his inaugural program of 1818 and that the respondens A.P. Segersten may be the author.

Sørensen, Henrik Lauritz (1842-1903), Norwegian botanist and high school teacher; at Kristiania high school 1867-1871, from 1868-1874 also at Gjertsens school ib.; from 1871 in various functions at Kristiania Kathedralskole. (*Sørensen*).

HERBARIUM and TYPES: Unknown.

NOTE: The information on the *Norsk fl. skol.* and *Norsk fl.* was kindly supplied by P.M. Jørgensen and S. Løkken at Bergen, Norway.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 300 (b. 17 Feb 1842); BL 2: 444, 447, 718; BM 5: 1972; Jackson p. 52, 334, 487; Kleppa p. 11, 21, 22, 23, 253, 271; PR 8761; Rehder 1: 356, 357; Tucker 1: 658.

BIOFILE: Kleppa, P., Blyttia 13: 117. 1955; *in* J. Jansen et al., Norsk biogr. leks. 16: 13-14. 1969.
Wittrock, V.B., Acta Horti Berg. 3(3): 185. 1903.

12.343. *Beretning om en botanisk Reise* i Omegnen af Faemundsøen og i Trysil ... Christiania [Oslo] (Johan Dahl ...) 1867. Oct. (*Beretn. bot. Reise*).
Publ.: 1867, p. [i], [1]-55, [56, err.]. *Copies*: B-S, FI, G. – Preprinted from Nyt Mag. Naturv. 15: 185-240. 1868.

12.344. *Norsk flora for Skoler* ... Christiania (Forlagt af Alb. Cammermeyer) 1873. Oct. (*Norsk fl. Skol.*).
[*Ed. 1*]: 1873, p. [i]-xv, [1]-116. *Copy*: S. Løkken, Bergen.
Ed. 2: 1874, p. [i]-xv, [1]-116. *Copy*: S. Løkken, Bergen.
Ed. 3: 1878, p. [i]-xv, [1]-124, [1, err.]. *Copy*: S. Løkken, Bergen.
Ed. 4: 1882 (Bot. Centralbl. 25-29 Sep 1882; Nat. Nov. Sep(1) 1882), p. [i]-xv, [1]-126. *Copies*: LC, S. Løkken, Bergen.
Ed. 5: 1885 (Nat. Nov. Nov(1) 1885), p. [i]-xvi, [1]-144. *Copies*: HH, NY, S. Løkken, Bergen. – Kristiania (forlagt af Alb. Cammermeyer) 1885. Oct.
Ed. 6: 1890, p. [i]-xvi, [1]-148. *Copies*: S. Løkken, Bergen, NY.

12.345. *Norsk flora* til brug ved skoler og botaniske udflugter ... Kristiania (I Kommission hos T.O. Brøgger ... 1893. Oct. (*Norsk fl.*).
Ed. [*1*]: 1893, p. [i]-xxxii, [1]-168. *Copy*: S. Løkken.
Ed. 2: 1896, p. [i]-xxxii, [1]-166, [167, add.]. *Copies*: LD, S. Løkken.
Ed. 3 : 1899, p. [i]-xxxii, [1]-166, [167, add.]. *Copy*: S. Løkken.
Ed. 4: 1902, n.v.
Ed. 5: 1906, p. [i]-xx, [xxxi), [1]-176. *Copy*: S. Løkken. – Revised by E. Jørgensen (eds. 5-15).
Ed. 6: 1909, p. [i]-xxx, [1]-176. *Copies*: B, S. Løkken. H.L. Sørensen: Norsk flora til bruk ved Skoler og botaniske utflugter. Sjette forøkede utgave ved E. Jørgensen ... Kristiania (i kommission hos T.O. Brøgger) 1909.
Ed. 7: 1911 (p. vi: Nov 1910), p. [i]-xxxii, [1]-205. *Copy*: S. Løkken.
Ed. 8: 1913, p. [i]-xxxii, [1]-216. *Copy*: S. Løkken. – Kristiania (Forlagt av H. Aschehoug & Co. ...) 1913.
Ed. 9: 1916 (Nat. Nov. Nov(1,2) 1916), p. [i]-xxxii, [1]-216. *Copy*: S. Løkken.
Ed. 10: 1920, p. [i]-xxxii, [1]-223. *Copies*: HH, S. Løkken.
Ed. 11: 1922 (preface: Aug 1922), p. [i]-xxxii, [1]-226. *Copies*: LD, S. Løkken.
Ed. 12: 1932, p. [i]-xxxii, [1]-226. *Copies*: B-S, S. Løkken.
Ed. 13: 1936, p. [i]-xxxii, [1]-226. *Copy*: S. Løkken.
Ed. 14: 1939, p. [i]-xxxii, [1]-226. *Copy*: S. Løkken.
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Ed. 22: 1969, p. [i*-iii*], [i]-xxxvi, [1]-308. *Copy*: S. Løkken.

Sørensen, Thorvald Julius (1902-1973), Danish botanist; Mag. Sci. Copenhagen 1929; Dr. phil. 1941; scientific assistant at the Botanical Museum ib. 1935-1943; id. at the Agricultural College 1943, lecturer 1948, professor of botany 1953; professor of botany at Copenhagen University, and director of the Botanical Garden and Museum 1955-1972. (*T. Sørensen*).

HERBARIUM and TYPES: C. – Duplicates at CAN, E, GB, K, LE.

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Publ.: 1933 (p. [5]: Mai 1933), p. [1]-177, *pl. 1-20* with text. *Copies*: F, H, HH, LC, LD, NY, PH, US. – Meddel. Grønland 101(3).

Soest, Johannes Leendert van (1898-1983), Dutch electro-technical engineer and amateur botanist; Ir. Delft 1925; engineer with the Physics laboratories of the Department of defense and the Dutch Postal and Telephone Services 1927-1964; extraordinary professor in electro-technical engineering Delft from 1949; active floristic botanist and plant geographer, especially interested in Taraxacum; Dr. h.c. Utrecht 1958. (*Soest*).

HERBARIUM and TYPES: L; further material (Taraxacum) at H. – *Letters* at G.

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4: 30 Jun 1929 (date on cover-t.p. 1929), cover-t.p., p. [173]-211. Id. 38(1): 103-141. 30 Jun 1929.
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Co-author: Jan G. Sloff (1892-1979).
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Söyrinki, Niilo (1907-x), Finnish botanist; Dr. phil. Helsinki 1938; assistant at the Botanical Dept., Univ. of Helsinki 1931-1933, at the Agricultural Faculty 1934-1945; associate professor ib. 1945-1959; professor of botany at Oulu University 1959. (*Söyrinki*).

HERBARIUM and TYPES: H and OULU.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1165, 2710; BL 2: 73, 81, 718; Collander p. 509-512; GR 623 (b. 5 Dec 1907); IH 1 (ed. 3): 72, (ed. 4): 78, 2: (files).

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mathematisch-naturwissenschaftlichen Sektion der Philosophischen Fakultät der Universität Helsinki am 31. Mai um 12 Uhr im Auditorium 7 zur öffentlichen Verteidigung vorgelegt. Helsinki 1938. (*Stud. Vermehr. Samenpfl.*).
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Publ.: 1940, p. [i-ii], [1]-77. *Copy*: H. – Issued as Ann. Bot. Soc. zool.-bot. fenn. Vanamo 15(4), 1940.

Solander, Daniel [Carlsson] (1733-1782), Swedish botanist and traveller; student of Linnaeus at Uppsala 1750-1759; travelled in Lapland and Northern Norway 1753; to England 1760, studied and worked at Oxford; invited 1762 by Linnaeus to become his successor but declined; from 1763-1768 assistant librarian of the British Museum; with J. Banks on the circumnavigation of the Endeavour (Captain Cook) 1768-1771; librarian with Joseph Banks 1771-1782; to Iceland with Banks 1772; also keeper of the Natural History Dept. of the British Museum from 1773. (*Sol.*).

HERBARIUM and TYPES: BM; further material at AK, C, CGE, E, LINN, MO, P, SBT, UPS (Thunb.), WELT; early Swedish collections at S (see Lindman 1907). – Manuscripts at BM (see e.g. BM 5: 1966-1967 and Diment & Wheeler 1984 (Solander material in all British collections)). The botanical manuscripts were used e.g. by J. Dryander for Aiton's *Hortus kewensis* and by A. Russell, Nat. hist. Aleppo ed. 2, vol. 2. – *Letters* e.g. at BM and LINN. – See Bridson et al. (1980) (for detailed lists of mss. and letters see Rauschenberg 1968). – Two letters in Dixson Libr., Sydney; letter to Linnaeus from Rio de Janeiro in Karolinska Inst. Stockholm.

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(2) *Carex capitata* Sol., *in* C. Linnaeus, *Syst. nat.* ed. 10. 2: 1261. 1759.
(3) *Plantae, in* C.J Phipps, *A voyage towards the North Pole* ... 1794, p. 200-204.
(4) Co-author, J. Ellis, *Nat. hist. Zooph.* 1786, see TL-2/1663 (IDC 2244).
(5) Many data taken from Solander manuscripts were used by J. Dryander in W. Aiton, *Hort. kew.* eds. 1 and 2, see KR p. 656-657, no. 13.
(6) Contributions to J. Gaertner, *Fruct. sem. pl.* 1788-1791 (TL-2/1925), p. 112, 113, 124, 170-172, 174, 186, 283.
(7) See also J. Banks & D. Solander, *Ill. Austral. pl. Cook's voy.* 1900-1905, TL-2/295.
(8) Further contributions by Solander to works by others, or entries based on Solander manuscripts are listed in great detail by KR p. 656-660, q.v.

EPONYMY: *Solandra* Linnaeus (1759, *nom. rej.*); *Solandra* J.A. Murray (1785); *Solandra* O. Swartz (1787, *nom. cons.*).

HANDWRITING: Bull. Brit. Mus. nat. Hist., Bot. 6(1): 29-34, 71-85. 1978; J.E. Smith, Sel. corr. Linnaeus 2, 1821, facs.; Savage, S., Cat. Linn. Herb. fig. 40. 1945.

NOTE: (1) Main biography: R.A. Rauschenberg, Daniel Carl Solander, naturalist on the Endeavour, Trans. Amer. philos. Soc. ser. 2. 58(8): 1968 (extensive lists of primary and secondary sources, manuscripts and letters).
(2) Monument: at Botany Bay near Sydney.

POSTAGE STAMPS: New Zealand 2 s. (1935) yv. 205 (middle fig.); 18 c. (1969) yv. 495; Australia 5 c. (1970) yv. 410 (right fig.).

Sole, William (1741-1802), British apothecary and botanist at Bath. (*Sole*).

HERBARIUM and TYPES: BM, CGE, LIV, OXF, YRK.

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EPONYMY: *Solea* K.P.J. Sprengel (1802).

12.353. *Menthae britannicae*: being a new botanical arrangement of all the British mints hitherto discovered. Illustrated with twenty-four copper-plates, of the natural size, done from the life by able artists; exhibiting a figure of every distinct mint herein treated of, including all those enumerated by Ray and Hudson; together with several new species hitherto unnoticed. By W. Sole. Bath (printed by R. Cruttwell; ...) 1798. Qu. (in twos). (*Menth. brit.*).
Publ.: 13-28 Jul 1798 (preface dated 13 Jul 1798; a copy was sent by the author to J.E. Smith on 20 Jul 1798; see also Savage (1938)), p. [i]-viii, p. [1]-55, [56, err.], *pl. 1-24* (dated 1797; uncol. copp. by J. Hewlett, M. Milgrowe, T. Robins, T. Sheppard, Miss J. Smith). *Copies*: BR, G, HU, MO, NY, PH, TCD, USDA. – See HU 752 for an analytic bibliographical analysis and further details.

Solereder, Hans (1860-1920), German (Bavarian) botanist, especially plant anatomist; Dr. phil. München 1885, assistant at the München botanical institute 1886-1890; habil. 1888; curator at the Botanical Museum 1890-1901; extra-ordinary professor of botany 1899; professor of botany and director of the botanical garden at Erlangen 1901-1920. (*Soler.*).

HERBARIUM and TYPES: Some lichens from California in M. – *Letters* at G.

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BIOFILE: Anon., Bot. Centralbl. 35: 223. 1888 (habil.), 59: 352. 1894 (curator München), 81: 79. 1900 (prof.); Bot. Zeit. 46: 627. 1888 (habil.), 57: 384. 1899 (titular prof.); Deut. biogr. Jahrb. 2: 761. ca. 1821; Hedwigia 39: (40). 1900 (prof.), 41: (51). 1902 (app. Erlangen), 63: (97). 1921 (d.); Nat. Nov. 16: 358, 423. 1894 (curator München), 23: 566. 1891 (app. Erlangen), 24: 236. 1902 (id.), 2: 255. 1920 (d.), 23: 27. 1921 (d.); Österr. bot. Z. 44: 443. 1894 (curator München), 50: 30. 1900 (titular prof. München), 70: 64. 1921 (d.).
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Lowden, R.M., Taxon, Index pers. names vols. 1-30. 685. 1985.
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Radlkofer, L., Ber. deut. bot. Ges. 38: (92)-(102). 1920 (obit., portr., bibl.).
Verdoorn, F., ed., Chron. bot. 5: 260. 1939, 7: 175, 176. 1943.

COMPOSITE WORKS: EP, *Nat. Pflanzenfam.*, *Aristolochiaceae* (3(1): 264-273. Aug 1889), *Loganiaceae* (4(2): 19-48. Aug 1892, 49-50. Jun 1895).

12.354. *Über den systematischen Wert der Holzstructur bei den Dicotyledonen.* Inaugural-Dissertation zur Erlangung der Doctorwürde der hohen philosophischen Fakultät de kgl. bayer. Ludwig-Maximilians-Universität München vorgelegt ... München (Druck von R. Oldenburg) 1885. Oct.
Thesis issue: Dec 1885 (Dr. phil. summa cum laude 7 Dec 1885), p. [1]-264. *Copies*: M, US.

Commerical issue: Dec 1885 (Bot. Zeit. 30 Apr 1886, Nat. Nov. Aug(1) 1886), p. [1]-264. *Copies*: G, HH, M, MO, NY, USDA.
Ref.: Wieler, Bot. Zeit. 44: 505-508. 1886 (rev.).

12.355. *Zur Anatomie und Systematik der Combretaceen* ... Separat-Abdruck aus "Bot. Centralblatt" 1885. Oct.
Publ.: 1-15 Aug 1885, p. [1]-6. *Copy*: M. – Reprinted and to be cited from Bot. Centralbl. 33: 161-166. 1885.

12.356. *Beiträge zur vergleichenden Anatomie der Aristolochiaceen* nebst Bemerkungen über den systematischen Wert der Sekretzellen bei den Piperaceen und über die Structur der Blattspreite bei den Gyrocarpeen [Bot. Jahrb. 10, 1888-1889; Leizig (Wilhelm Engelmann)]. Oct.
Publ.: 4 Dec 1888 and 2 Apr 1889 (in journal), p. [i, recto of 410 with reprint t.p.], 410-420, 421-524, *pl. 12-14*. *Copies*: G, M, MO. – Reprinted and to be cited from Bot. Jahrb. 10(4): 410-420. 4 Dec 1888, 10(5): 421-524. 2 Apr 1889. – "Habilitationsschrift".

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12.360. *Ein Beitrag zur anatomischen Charakteristik und zur Systematik der Rubiaceen* ... Genève (Imprimerie Romet, ...) 1893. Oct.
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Publ.: Jul 1898, p. [1]-7. *Copy*: G, U. – Issued and to be cited as Bull. Herb. Boiss. ser. 1. 6: 623-629. Jul 1898.

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Publ.: 1898-1899, in four parts, p. [i]-xii, [1]-984. *Copies*: B, G, H, HH, NY, PH, USDA.
1: Sep 1898 (BM rd 24 Oct 1898; p. viii: Feb 1898; Bot. Centralbl. 26 Oct 1898; Bot. Zeit. 1 Nov 1898; Allg. Bot. Z. 1898; ÖbZ for Sep-Oct 1898; Nat. Nov. Oct(2) 1898), p. v-viii, [1]-240.
2: Nov 1898 (BM rd 6 Dec 1898; Naturw. Wochenschr. 4 Dec 1898; Bot. Centralbl. 7 Dec 1898; Nat. Nov. Dec(1) 1898), p. 241-480.
3: Dec 1898 (BM rd 10 Jan 1899; Nat. Nov. Jan(1) 1899), p. 481-720.
4: Apr 1899 (BM rd 26 Apr 1899; Bot. Centralbl. 10 Mai 1899; Bot. Zeit. 16 Jun

1899; ÖbZ for Apr 1899; Allg. bot. Z. 15 Mai 1899; Bot. Zeit. 1 Mai 1899: adv. "soeben"; Nat. Nov. Mai(1) 1899; Bot. Monatschr. Apr-Mai 1899), p. [i]-iv, 721-984.
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Publ.: 30 Nov 1898 (in journal), p. [i, recto of 292], [292]-260. *Copy*: G. – Reprinted and to be cited from Ber. deut. bot. Ges. 16(8): [292]-260. 1898.

12.364. *Ueber Artocarpus laciniata* Hort. und ihre Zugehörigkeit zu Ficus Cannonii N.E. Brown. [Bull. Herb. Boissier ser. 2. 3. 1903]. Oct.
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Publ.: Mai 1980 (p.iv: Apr 1908; PH rd 5 Jun 1908; Allg. bot.Z. 15 Jun 1908; ÖbZ for Jul 1908; Bot. Centralbl. 14 Jul 1908; Bot. Zeit. 16 Jul 1908; Nat. Nov. Jun(1) 1908), p. [i]-viii, [1]-422. *Copies*: B, G, HH, MICH, NY, PH, USDA. – Concluding remarks on p. 312-422 are a revision of p. 904-979 of the 1899 German ed. (inf. R. Schmid).

12.367. *Systematic anatomy of the dicotyledons* a handbook for laboratories of pure and applied botany by Dr. Hans Solereder ... translated by L.A. Boodle, ... and F.E. Fritsch, ... revised by D.H. Scott, ... Oxford (at the Clarendon Press) 1908, 2 vols. Oct. (*Syst. anat. dicot., Engl.*).
Translators: Leonard Alfred Boodle (1865-1941), Felix Eugen Fritsch (1879-1954); rev. by Dukinfield Henry Scott (1854-1934).
Publ.: 1908, 2 vols. *Copies*: BR, NY, PH, R. Schmid, USDA.
1: 1908 (p. vii: Oct 1907; Nat. Nov. Jul(2) 1908), p. [i]-xii, [1]-644. – Translation of p. 1-727 of the 1899 German ed.
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Co-author and editor: Fritz Jürgen Meyer. – Part of the treatment of the Monocotyledons; was left in mss. by H. Solereder.
Heft 1 (Pandanales-Helobiae-Triuridales), *i. Teil* (Typhaceae-Scheuchzeriaceae): 1933 (Nat. Nov. Dec 1933; PH rd 30 Oct 1933), cover, p. [1]-155.
Heft 3 (Principes-Synanthae-Spathiflorae): 1928 (J. Bot. Oct 1928; Nat. Nov. Jul 1928), cover, p. [1]-175.
Heft 4 (Farinosae): Mar 1929 (J. Bot. Aug 1929; Nat. Nov. Mai 1929; PH rd 11 Apr 1929), cover, p. [1]-176.
Heft 6 (Scitamineae-Microspermae): Oct 1930 (Nat. Nov. Nov 1930; PH rd 7 Nov 1930), p. [1]-242.
Copies: B, BR, G, HH, MO, NY, PH, U, USDA. – Remained unfinished; seven parts were anticipated.
English translation (Microspermae): 1969. Israel program for scientific translations, Jerusalem, p. [i]-iv, 1-159. *Copies*: NY, PH. – Translation of 6: 85-242.

Solheim, Wilhelm Gerhard (1898-1978), American botanist; B.A. Iowa State

Teachers College 1924; Dr. phil. Univ. Illinois 1928; LL.D. h.c. Univ. Wyoming 1978; assistant in botany at the University of Illinois 1921-1927; fellow in botany ib. 1927-1928; id. at N. Dakota Coll. 1928-1929; id. at the University of Wyoming 1929-1931; head Dept. botany ib. 1931-1950; professor of botany until 1963. (*Solheim*).

HERBARIUM and TYPES: RM. – Other material at CUP, DAR, FH, IAC, ILL, LPS, MICH, NY, OS, SMU, TRTC, UC, W, WSP (some of these hold only sets of the regular exsiccatae). – *Mycoflora saximontanensis exsiccata*, 17 centuries, 1931-1974. *Index*: see Gilbertson, R.L. et al., 1979; further data: Stevenson (1971); *sets*: BPI, COLO, CUP, DAOM, F, FH, ILL, LPS, MICH, NY, OS, PUR, RM, SMU, SOLH, TENN, TRTC, UC, WIS, WSP. *Indexes*: Mycotaxon 10(1): 49-92. 1979.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 301 (b. 13 Mai 1898); BM 8: 1218; Bossert p. 376; Ewan ed. 2, p. 207; Hirsch p. 281; IH 1 (ed. 7): 343; LS suppl. 26069-26070; MW p. 462; Roon p. 106; Stevenson p. 1253.

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Hartman, L., Taxon 32: 340. 1983 (herb. RM).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 685. 1985.
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Publ.: 1928, p. [1]-84, [85, vita], *pl. 1-4* (uncol., on numbered pages). *Copies*: FH.

Solier, Antoine Joseph Jean (1792-1851), French botanist, entomologist and soldier; studied at the Paris École polytechnique, in the Napoleonic army as lieutenant with the engineers 1813-1815; captain in the French army at Marseille 1815-1823 and Montpellier 1823-1824, again in Marseille 1824-1832; in retirement ib. 1832-1851. (*Solier*).

HERBARIUM and TYPES: P, PC; further material (algae) in C, FI, KIEL, LZ (destr.). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 301 (b. 8 Feb 1792, d. 27 Nov 1851); BM 5: 1967; CSP 5: 744-745, 8: 979; De Toni 1: cxviii; Frank 3 (Anh.): 98; Moebius p. 83, 89, 92; PR (alph.), 2164; TL-2/1389.

BIOFILE: Anon., Ann. Soc. Linn. Lyon 1850-1852: viii (d.), 63-75 (obit., portr., bibl.); Bot. Zeit. 10: 318. 1852 (d.); L'Abeille 20: 39-42. 1882 (entom. publ.); Österr. bot. W. 2: 163. 1852 (d.).
Castagne, J.L.M., Cat. pl. Marseille 8. 1845, suppl. 3. 1851, Cat. pl. Bouches-du-Rhône xiv. 1862.
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Westwood, J.O., Proc. entom. Soc. London ser. 2. 2 (Proc.): 52-53. 1853 (obit. not.).

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Publ.: Mar 1847, p. [157]-166, *pl. 9*. *Copy*: G. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 3. 7: [157]-166. 1847. – The generic name *Derbesia* was previously validly published by Solier in Rev. bot. Recueil mens. 1: 452. Apr 1846; it was lectotypified in the Ann. Sci. nat. publ.

Solla, Rüdiger Felix [Ruggero Felice] (1859-?), Austro-Italian botanist and high school teacher; botanical assistant at the University of Messina 1883-1885; id. at the University of Pavia 1885-1886; professor of botany at the Forestry Institute Vallombrosa 1886-1905; teacher at the Triest high school 1895-1904; director of the k.k. Realschule in Pola 1904. (*Solla*).

HERBARIUM and TYPES: PAD; further material at L and W. Contributed to "Kryptogamae exsiccatae" published by W.

BIBLIOGRAPHY and BIOGRAPHY: BJI 1: 55; BL 2: 343, 401, 718; Bossert p. 376; CSP 11: 448, 12: 692, 18: 840-841; De Toni 1: cxvii, 4: liv; GR p. 460; LS 25320-25340, 39368-39373; Morren ed. 10, p. 84; Rehder 5: 811; Saccardo 1: 155-156, cron. p. xxxiii; TL-2/7889; Tucker 1: 659; Urban-Berl. p. 269, 399.

BIOFILE: Anon., Allg. bot. Z. 2: 16. 1896 (app. Triest), 10: 164. 1904 (app. Pola); Bot. Centralbl. 16: 320. 1883 (app. Messina), 23: 64. 1885 (app. Pavia), 26: 64. 1886 (app. Vallombrosa), 66: 111. 1896 (app. Triest "Oberrealschule"); Österr. bot. Z. 34: 37. 1884 (app. Messina), 35: 258. 1885 (app. Pavia), 36: 141. 1886 (app. Vallombrosa), 45: 488. 1895 (app. Triest), 54: 347. 1904 (app. Pola).
Lusina, G., Ann. di. Bot. 25: 172. 1958.
Saccardo, P.A., Cron. fl. ital. xxxiii. 1909.

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Publ.: Sep-Dec 1883, p. [1]-60, [61, cont.]. *Copy*: HH. – Reprinted and to be cited from Boll. Soc. adriat. Sci. nat. Trieste 8(1): 141-201. 1883.

12.372. *Note di fitopatologia* dettate agli alunni del r. Istituto forestale di Vallombrosa ... Firenze (Tipografia dell'arte della stampa ...) 1888. Oct. (*Note fitopat.*).
Publ.: 1888 (p. 6: Jun 1887), p. [1]-352, *pl. 1-11* (uncol.). *Copy*: FH.

12.373. *Crittogamia.* Brevi cenni morfologia, biologia, e sistematica delle piante crittogame ... Milano e.a. (Antica Casa Editrice Dottor Francesco Vallardi) s.d. [1891]. Oct. (*Crittogamia*).
Publ.: Nov-Dec 1891, (p. vi: 2 Jun 1891; ÖbZ for Feb 1892; Bot. Zeit. 24 Jun 1892; Bot. Centralbl. 2 Mar 1892; Nat. Nov. Jan(1) 1892), p. [i]-vi, [1]-105, [1, err.]. *Copy*: USDA.

Sollers, Basil (1853-1909), American botanist at Baltimore. (*Sollers*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 301; BL 1: 186, 319; Rehder 1: 315; Tucker 1: 659.

BIOFILE: Anon., Proc. Amer. Ass. Adv. Sci. 59-61: 317. 1910 (d.).

12.374. *Check list of plants*, compiled for the vicinity *of Baltimore* ... Baltimore (John Murphy & Co.) 1888. Duod. (in sixes). (*Check list pl. Baltimore*).

Publ.: 1888, p. [1]-72. *Copies*: HH, MICH, MO, NY, US, USDA. – Unannotated list phanerog.

Sollmann, August (*fl.* 1862), German botanist. (*Sollm.*).

HERBARIUM and TYPES: Unknown. – Three specimens by "Sollmann" mentioned for MW by Lindemann (1886). – *Letters* to D.F.L. von Schlechtendal in HAL.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 301; Biol.-Dokum. 17: 8767; Frank 3 (Anh.): 98; Jackson p. 297; LS 25335-25340; Stevenson p. 1258.

BIOFILE: Lindemann, E. v., Bull. Soc. Natural. Moscou 61: 72. 1886 (3 specim. MW).

12.375. *Anleitung zum Bestimmen der vorzüglichsten essbaren Schwämme Deutschlands* für Haus und Schule ... Hildburghausen (Kesselringsche Hofbuchhandlung) 1862. Oct. (*Anleit. Best. Schwämme Deutschl.*).
Publ.: 1862 (p. viii: Mai 1862), p. [i]-viii, [1]-84. *pl. 1-8, 8bis, 9, 9bis, 10, 10bis, 10ter, 11-23, 23bis, 24, 25, 25bis, 26-38, 39/40, 40-41, 43/44, 45* (uncol. liths. auct.). *Copies*: B, FH, NY.

Solms-Laubach, Hermann [Maximilian Carl Ludwig Friedrich zu] (1842-1915), German (Hessen) botanist; studied with Alexander Braun in Berlin and A. de Bary in Freiburg i.B.; Dr. phil. Berlin 1865; with de Bary in Freiburg 1866-1867 and in Halle 1867-1892; habil. Halle 1868; extraordinary professor of botany in Strassburg 1872-1879; professor of botany and director of the botanical garden Göttingen 1879-1888; in Java with M. Treub 1883; ordinary professor of botany at Strassburg as successor to A. de Bary 1888-1907; in retirement also at Strassburg. (*Solms*).

HERBARIUM and TYPES: GOET (pre-1888 collections); other material at BM (Portugese mosses) HAL, L, M (lichens), MW, STR (prob.). – Some material is (was) at Giessen. – The Solms herbarium at GOET contains also the herbarium of his uncle Graf Reinhard zu Solms-Laubach (1801-1870), see below. – *Letters* to W.G. Farlow and R. Thaxter at FH; to D.F.L. von Schlechtendal at HAL. Other letters at G and GH.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 333; Barnhart 3: 301 (b. 23 Dec 1842, d. 25 Nov 1915); Biol.-Dokum. 17: 8767-8768; BL 1: 55, 2: 168; BM 5: 1968; Bossert p. 376; CSP 5: 746, 8: 986, 11: 449-450, 12: 692, 18: 842-843; De Toni 1: cxviii, 4: liv; DTS 1: 284; Frank 3 (Anh.): 98; GR p. 140; Hegi 4(1): 365; Herder p. 478 [index]; Hortus 3: 1204; Jackson p. 108, 341; Kelly p. 216; KR p. 660; Lenley p. 469; LS 25343-25348, 39375, 41790; Moebius p. 94, 456 [index]; Morren ed. 2, p. 13, ed. 10, p. 12; MW p. 462; PR 8764-8766; Quenstedt p. 405; Rehder 5: 811; Saccardo 1: 156; SBC p. 132; SK 1: 493-494, 4: cxxviii; TL-2/978, 999, 1021, 1713, 3868, see I.B. Balfour, A. Peter, B.L. Robinson, Rutenberg; Tucker 1: 659, 2: xxxvi; Urban-Berl. p. 314, 399; Zander ed. 10, p. 719, ed. 11, p. 820.

BIOFILE: Andrews, H.N., The fossil hunters 18, 311-314. 1980.
Anon., Bot. Centralbl. 32: 255. 1887 (app. Berlin), 33: 384. 1888 (declines Berlin; goes to Strassburg), 107: 48 (retirement), 96 (L. Jost successor). 1908, 11: 96. 1909 (Dr. h.c. Cambridge); Bot. Monatschr. 17: 127. 1899 (corr. memb. Akad. Berlin); Bot. Zeit. 16: 368. 1868 (habil. Halle), 30: 199. 1872 (call to Strassbrug), 37: 597. 1879 (app. Göttingen), 45: 725. 1887 (call to Berlin), 46: 175 (call to Strassburg; will accept this; declines Berlin), 405-406 (co-ed. Bot. Zeit.) 1888, 65: 384. 1907 (retirement), 66: 56. 1908 (L. Jost succeeds at Strassburg); Nat. Nov. 1: 168. 1879 (call to Göttingen), 9: 289. 1887 (call to Berlin; will go there spring 1888), 10: 121. 1888 (to Srassburg; declines Berlin), 26: 80. 1904 (id. Akad. München), 29: 620. 1907 (retires 1 Apr 1908), 30: 616. 1908 (retires from ed. Bot. Zeit.), 38: 64. 1916 (d.); Nuova Notarisia 27: 618. 1916; Österr. bot. Z. 22: 137. 1872 (app. Strassburg), 37: 445. 1887 (app. Berlin), 38: 147. 1888 (declines Berlin; app. Strassburg), 65: 360. 1915 (d.); S.B. k. Preuss. Akad. Wiss. 18 Mar 1915, p. 285-286 (50th anniv. doctorate).
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(7) Co-editor, *Botanische Zeitung* 46-66, 1889-1908; co-founder and editor *Zeitschrift für Botanik* 1-7, 1909-1915.

FESTSCHRIFT: Zeitschrift für Botanik, vol. 4, 1913.

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EPONYMY: *Absolmsia* O. Kuntze (1891); *Solmsia* Baillon (1871); *Solmsiella* C. Mueller (1884); *Solms-Laubachia* Muschler (1912). *Note*: *Solmsia* Hampe (1872) was named for Reinhard Graf zu Solm Braunfels.

NOTE: H. Solms' uncle, Reinhard Graf zu Solms-Laubach (b. 11 Aug 1801, d. 29 Oct 1870), German (Hessen) soldier and amateur botanist, left his herbarium to his nephew (some cryptogams are also at HAL) and published a *Verzeichniss der von mir in der Gegend*

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Soltwedel, Friedrich [Wilhelm Otto] (1858-1890), German (Grünhagen, Hannover) botanist and sugar-technologist; went to the Dutch East Indies 1884; chemist with the Kali Woengoe sugar factory at Semarang, Java; with the sugar cane experiment garden at Semarang 1885; director of the Central Java Sugar Experiment Station at Semarang 1886-1890. (*Soltwedel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 538; Barnhart 3: 302; BJI 1: 55; CSP 11: 450, 18: 845.

BIOFILE: Anon., Bot. Centralbl. 41(10): 336. 1890 (b. 19 Jan 1858, d. 17 Dec 1889); Leopoldina 26: 53. 1890; Nature 42: 16. 1890 (d.); Österr. bot. Z. 40: 182. 1890 (d.). Sirks, M.J., Ind. natuuronderz. 270. 1915.

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Somerville, Alexander (1842-1907), British (Scottish) malacologist and botanist at Glasgow; merchant in Calcutta for 15 years; B.Sc. Univ. Glasgow. (*Somerville*).

HERBARIUM and TYPES: BM, CGE, E, E-GL, KCK, LIV, NMW, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 302; BB p. 283; BL 2: 232, 296, 718; BM 5: 1969; Clokie p. 247; CSP 18: 846; Desmond p. 573 (b. 25 Mar 1842, d. 5 Jun 1907); Tucker 1: 659.

BIOFILE: Anon., J. Bot. 45: 288. 1907 (obit. not.); Hedwigia 47: (100). 1908 (d.); Nat. Nov. 29: 386. 1907 (d.); Trans. bot. Soc. Edinburgh 23: 365-369. 1908 (obit., bibl.); Trans. Nat. Hist. Soc. Glasgow 8: 227-230. 1911 (obit.).
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Sommer, Gustav (*fl.* 1886), German gardener at Karlsruhe, Baden. (*Sommer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1969; Morren ed. 10, p. 24; Rehder 1: 48; Tucker 1: 659.

EPONYMY: *Sommera* Schlechtendal (1835) commemorates C.N. Sommer, an entomologist.

12.415. *Die Bäume und Sträucher der* Grossh. *Schlossgartenanlagen zu Karlsruhe* ... Karlsruhe (Verlag der Macklof'schen Buchhandlung) 1886. Oct. (*Bäume Sträuch. Karlsruhe*).
Publ.: 1886 (Bot. Zeit. 24 Sep 1886; J. Bot. Oct 1886; Bot. Centralbl. 6-10 Dec 1886 (rev.); Nat. Nov. Sep(1) 1886), p. [i-viii], [1]-126, [127]. *Copy*: GB (inf. B. Peterson).
Ref.: Dippel, L., Industrieller Wegweiser 8(36), 3 Sep 1886.

12.416. *Führer durch den* Grossh. *Botanischen Garten zu Karlsruhe* ... Karlsruhe (Druck und Verlag von J.J. Reiff) 1888. Oct. (*Führ. bot. Gart. Karlsruhe*).
Publ.: Jan-Feb 1888 (Nat. Nov. Mar(1) 1888), p. [1]-72, map. *Copy*: B-G. – Another edition was announced in Allg. bot. Z. 15 Mar 1895 (cover p. 3).

12.417. 1888-1889. *Verzeichniss der Bäume, Sträucher und Nadelhölzer*, welche in der Grossherzoglichen Gehölzbaumschule zu *Karlsruhe* gezogen und abgegeben werden. Karlsruhe (Macklot'sche Druckerei). [1889]. (*Verz. Bäume Sträuch. Karlsruhe*).
Publ.: 1889, p. [1]-40. *Copy*: B-G.

Sommerfelt, Søren Christian [Severin Christianus] (1794-1838), Norwegian clergyman and botanist; studied theology in Copenhagen 1812, cand. theol. Kristiania [Oslo] 1817; vicar in Saltdallen1818, and in Ringebo Gudbrandsdalen 1827. (*Sommerf.*).

HERBARIUM and TYPES: O; further material at C, E, GB, K, LZ (destr.), UPS. *Exsiccatae*:
(1) *Plantarum cryptogamarum norvegicarum* quas collegit ... cent. 1-2, fasc. 1-4, nos. 1-200, Christianiae [Oslo] 1826-1830, sets at C, DBN, FH, H, HAL, K, L, NY, O, S, STR, U, UPS, W. – *Index*: Mag. Naturvid. 7(1): 158-161. 1826; (for lichens) see Lynge p. 493-494); further details in MD (p. 223), and Sayre (1969).
(2) *Herbarium criticum novum*, sets at L and O.
Some *letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 698; Barnhart 3: 302 (b. 9 Apr 1794, d. 29 Dec 1838); Biol.-Dokum. 17: 8772; BL 2: 451, 479, 719; BM 5: 1970, 2249; Bossert p. 376; CSP 5: 748; De Toni 1: cxviii; GR p. 714-715;, cat. p. 71; Hawksworth p. 186; Hegi 6(2): 1295; IF p. 102; IH 1 (ed. 7): 343; Kelly p. 216; Kleppa p. 332 (index); KR p. 660; Lasègue p. 321, 396; LS 25356-25363, 39378; MD 223-224; NI 2092; PR 8767-

8768, ed. 1: 9743-9744; Rehder 1: 353; RS p. 142; SBC p. 132; Stevenson p. 1258; TR 269; Tucker 1: 659; Urban-Berl. 262, 291, 314.

BIOFILE: Anon., Årsber. bot. Arb. k. Vet.-Acad. 1828: 264-265. 1829; Bot. Not. 1840: 210 (herb. acquired by O).
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Eckblad, F.-E., *in* Jansen, E. et al., Norsk biogr. leks. 14: 196-199. 1962.
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Warming, E., Bot. Tidsskr. 12: 120. 1981 (bibl.).
Wittrock, V.B., Acta Horti Berg. 3(2): 171. 1903.

EPONYMY: *Sommerfeldtia* [sic] H.C.F. Schumacher (1827); *Sommerfeltia* Flörke ex Sommerfelt (1827, *nom. rej.*); *Sommerfeltia* Lessing (1832, *nom. cons.*).

12.418. *Supplementum Florae lapponicae* quam edidit Dr. Georgius Wahlenberg auctore Sev. Christiano Sommerfelt ... Christianiae [Oslo] (typis Borgianis et Gröndahlianis) 1826. Oct. (*Suppl. Fl. lapp.*).
Original publ: Georg [Göran] Wahlenberg (1780-1851), *Flora lapponica* 1812, see TL-1/1377.
Publ.: 1826 (p. xii: 12 Mar 1826), p. [i*-iii*], [i]-xii, [1]-331, [332, err.], *pl. 1-3* (col. printed C. Boeck). *Copies*: B-S, BR, FH, G, H, HH, MICH, MO, NY, PH, US, USDA; IDC 6187. – For further details see Kleppa p. 267 and MD p. 224.
Additional remarks: *Bemærkninger ved Supplementum Florae lapponicae*, Mag. Naturvid. 8(1): 165-166. 1827 (see MD); see also ib. 7(1): 184. 1826.

Sommerstorff, Hermann (1889-1913), German (Berlin) botanist; studied biology in Göttingen 1907-1909; in Graz 1909-1911; assistant at the botanical Institute of the University of Vienna; Dr. phil. Wien 1912, student of G. Haberlandt and R. v. Wettstein. (*Sommerst.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Kelly p. 216.

BIOFILE: Anon., Allg. bot. Z. 19: 176. 1913 (d.); Ber. deut. bot. Ges. 31: (182), 232. 1913 (d.); Magy. bot. Lap. 12: 281. 1913; Österr. bot. Z. 63: 48 (app. assistant), 272 (d.) 1913.
Haberlandt, G., Ber. deut. bot. Ges. 32: (86)-(88). 1914 (obit.).
Janchen, E., Mitt. Naturw.-Ver. Univ. Wien 11: 92-97. 1913 (obit., portr.); Richard Wettstein 180. 1933.

EPONYMY: *Sommerstorffia* Arnaudow (1923).

12.419. *Ein Tiere fangender Pilz.* (Zoophagus insidians, nov. gen., nov. spec.). Separatabdruck aus der "Österreichischen botanischen Zeitschrift, Jahrg. 1911, Nr. 10. [1911]. Oct.
Publ.: Oct 1911 (in journal), p. [1]-13, *pl. 5-6* (uncol.). *Copy*: FH. – Reprinted and to be cited from Österr. bot. Z. 61: 361-373. *pl. 5-6.* Oct 1911 (ING 3: 1892).

Sommier [Carlo Pietro] Stefano [Stephen] (1848-1922), Italian botanist and plant collector; son of French parents living at Firenze, chose Italian citizenship 1869; travelled widely in Europe and the Caucasus; Dr. med. h.c. Uppsala 1907. (*Sommier*).

HERBARIUM and TYPES: FI. – Further material at AK, B (extant), BP, BR, DS, E, E-GL, G, G-DOR, GE, H, LE, MOD, MPU.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 201; Barnhart 3: 303 (b. 20 Mai 1848, d. 3 Jan 1922); Biol.-Dokum. 17: 8772; BJI 2: 168; BL 2: 718 [index]; BM 5: 1970; Bossert p. 376; CSP 18: 848; De Toni 4: liv; GR p. 538; Hortus 3: 1204; IH 1 (ed. 2):51, (ed. 3): 62, (ed. 6): 364, (ed. 7): 343; LS 2893b, 25367, 31068, 41732, suppl. 26081; Morren ed. 10, p. 84; MW p. 462; NI 1870; PFC 2(2): xxvii; Rehder 5: 812; Saccardo 1: 156, cron. p. xxxiii; SO 2884a; TL-2/4472, 9927, 9948; Tucker 1: 659, 3: 288-289; Urban-Berl. p. 314, 399; Zander ed. 10, p. 719, ed. 11, p. 821.

BIOFILE: Anon., Cat. gen. livr. impr. Bibl. natl. 175: 25. 1949; Nuova Notarisia 33: 95-96. 1922; Österr. bot. Z. 71: 72.1922 (d.).
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Lusina, G., Annali Bot. 25: 173. 1958 (publ. fl. Roma).
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Pampanini, R., Fl. rep. San Marino 1930 (s.p.).
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Sommier, S., Bull. Soc. bot. ital. 1892: 18-26 (account of a trip to the Caucasus).
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COMPOSITE WORKS: *Catalogue alphabétique des espèces et variétés nouvelles* ... *in* E. Levier, *A travers le Caucase*, 1894, see TL-2/4472; *Appendice botanique*, 2 p. – A pamphlet of 8 p., Emile Levier. *A travers le Caucase* ... Opinion de la presse, is at BR.

HANDWRITING: Candollea 33: 397-398. 1978.

EPONYMY: *Sommierella* Borzi (1907); *Sommieria* Beccari (1877).

12.420. *Un'estate in Siberia* fra Ostiacchi, Samoiedi, Siriéni, Tatári, Kirghísi e Baskíri ... Firenze (Ermanno Loescher), Torino, Roma [id.] 1885. Oct. (*Est. Siberia*).
Publ.: 1885 (Nat. Nov. Jan(2) 1885 as of "1884"), frontisp., p. [i-iii], map, [v]-viii, [1]-634, 2 maps, 144 engr. *Copy*: G.

12.421. *Flora dell'Ob inferiore* studio di geografica botanica ... Firenze (Stabilimento di Giuseppe Pellas ...) [1892-] 1896. Oct. (*Fl. Ob inf.*). .
Publ.: 1892-1896 in parts in Nuovo giorn. bot. ital., p. [i]-vii, [1]-199, [200, err.], *pl. 2-3*, [217]-227, *pl. 2*. *Copies*: G, H, HH, US.

Part	pages	Nuovo Giorn. bot. ital.	date
1	3-49	24(3): 209-254	Jul 1892
2	50-118	25(2):41-110, *pl.2-3*	Apr 1893
3	119-137	25(3): 175-191	Jul 1893
4	138-154	n.s.3(1): 5-21	Jan 1896
5	155-199	n.s.3(2): 167-205	Apr 1896
app.		22(2): 217-227, *pl.2*	Apr 1890

12.422. *Decas plantarum novarum Caucasi* ... Acta Horti Petropolitani vol. xii, no. 5, 1892. Oct.
Co-author: Emile Levier (1839-1911).
Publ.: 1892 (censor: 26 Sep 1892; BSbF after 1 Oct 1893), p. [1]-10, [11]. *Copies*: B, G(2), H, NY. – Reprinted and to be cited from Acta Horti Petrop. 12(5): 149-159. 1892. – Errata in reprint, stamped on p. [11].

12.423. *Plantarum caucasi novarum* vel minus cognitarum *manipulus secundus* ... Acta Horti Petropolitani vol. xiii, no. 3, 1893. Oct.

Co-author: Emile Levier (1839-1911).
Publ.: 1893 (p. 53: 30 Jun 1893), p. [1]-31. *Copies*: G, NY. – Reprinted and to be cited from Acta Horti petrop. 13(3): [23]-53. 1893. – For the first part see above. 1892, *Decas plantarum novarum Caucasi.*
Continuation (1): Bull. Soc. bot. ital. 1893: 522-527. 1894.
Continuation (2): *Plantarum caucasi novarum manipulus tertius*, Acta Horti petrop. 13(10): 179-198. 1894, also paginated p. [1]-19, [20]. *Copies* reprint: B, G, NY (p. 198: 28 Nov 1893).
Continuation (3): Nuovo Giorn. bot. ital. ser. 2. 4(2): 199-213. Apr 1897 ("Plantarum novarum caucasi manipulus alter" sic, the "alter" refers to continuation (1), 1894, as the first set of diagnoses in an Italian journal). *Copies* reprint: B, G, NY.

12.424. *Ranunculi caucasici* dichotomice dispositi ... [Estratto dal Nuovo Giornale Botanico Italiano (nuova serie) vol. 1, n.1, Gennaio 1894]. Oct.
Co-author: Emile Levier (1839-1911).
Publ.: Jan 1894 (in journal), p. [i], [7]-11. *Copy*: B. – Reprinted and to be cited from Nuovo Giorn. bot. ital. n.s. 1(1): 7-11. 1894.

12425. *I Cirsium del Caucaso* ... Firenze (Stabilimento di Giuseppe Pellas ...) 1895. Oct.
Co-author: Emile Levier (1839-1911).
Publ.: Jan 1895 (in journal; Nat. Nov. Mar(2) 1895), cover-t.p., [1]-16. *Copies*: B, FAS, FI, G. – Reprinted and to be cited from Nuovo Giorn. bot. ital. n.s. 2(1): 5-20. 1895.

12.426. *Species Caucasicae novae* ... Firenze (Stabilimento di Giuseppe Pellas ...) 1895. Oct.
Co-author: Emile Levier (1839-1911).
Publ.: Apr 1895 (in journal; BSbF 26 Jul 1895; Nat. Nov. Jul(2) 1895), cover-t.p., p. [1]-24. *Copies*: B, FAS, G,HH, NY. – Reprinted and to be cited from Nuovo Giorn. bot. ital. n.s. 2(2): 73-96. 1895.

12.427. *Herbarium Camillae Doriae* ... Estratto dagli Annali de Museo civico di Storia naturale di Genova ... 1896. Oct.
Publ.: 7 Apr 1896 (reprint so dated), p. [3]-15. *Copy*: M. – Reprinted and to be cited from Ann. Mus. civ. Stor. nat. Genova ser. 2. 16: [336]-348. 1896. – Now GDOR.

12.428. *Aggiunte alla florula di Capraia* ... Estratto dal Nuovo Giornale Botanica italiana (nuova serie) vol. v, Gennaio 1898. Oct.
Publ.: Jan 1898 (in journal; Nat. Nov. Apr(2) 1898), p. [1]-34. *Copies*: G, HH, M, US. – Reprinted and to be cited from Nuovo Giorn. bot. ital. n.s. 5(1): [106]-139. 1898.

12.429. *L'Isola del Giglio* e la sua flora con notizie geologiche del Prof. C. de Stefani ... Torino (Carlo Clausen) 1900. Oct. (*Isola Giglio*).
Publ.: 1900 (Bot. Centralbl. 12 Sep 1900), p. [i]-clxxii, [1]-164, [1, index], [1-2; list ills., err.], *5 pl.*, map. *Copies*: G, NY, US. – See also below, *Fl. Arcip. Tosc.*, 1903, p. 333-334.

12.430. *Enumeratio plantarum* anno 1890 *in Caucaso lectarum* additis nonnullis speciebus a claris viris H. Lojka, G. Radde, N. de Seidlitz, et fratr. Brotherus in eadem ditione lectis ... Petropolis [St. Petersburg] & Florentiae [Firenze]. 1900. Oct. (*Enum. pl. Caucas.*).
Co-author: Emile Levier (1839-1911).
Publ.: 1900 (Nat. Nov. Mai(1) 1901), frontisp., p. [i]-xxiii, [1]-586, [1, err.]. *pl. 1-49* (uncol. liths. by S. Sommier, C. Cuisin and (nos. 48-49) E. Roeseler). For a list of previous publications based on the material collected by Sommier and Levier see p. xxii, xxiii. *Copies*: B, BR, G, H, HH, NY(2), U, US. – Issued as Acta Horti Petropolitani vol. 16.

12.431. *La flora dell'Arcipelago Toscano* ... Firenze (Stabilimento Pellas ...) 1903. Oct.
Publ.: Jul 1902 and Apr 1903 (in journal), p. [1]-108. *Copies*: G, H. – Reprinted and to be cited from Nuovo Giorn. bot. ital. n.s. 9(3): 319-354. 1 Jul 1902, 10: 133-200. Apr 1903. – For additional publications and notes see BL 2: 402.

12.432. *Alcune osservazioni sul genere Chrysurus*, a proposito del C. paradoxus ... [Estratto dal Bulletino della Società botanica italiana Adunanza ... 11 Gennaio 1903]. Oct.
Publ.: 1903 (read 11 Jan 1903), cover-t.p., p. [1]-12. *Copies*: B, G. – Reprinted and to be cited from Bull. Soc. ital. bot. 1903: [22]-33.

12.433. *Aggiunte alla flora del Monte Argentaro* e nuove stazioni della Carex grioletii ... Estratto dal Bulletino della Società botanica italiana ... 1903. Oct.
Publ.: 1903 (read 14 Jun 1903), p. [1]-5. *Copy*: M. – Reprinted and to be cited from Bull. Soc. bot. ital. 1903: [232]-236.

12.434. *Una specie nuova di Sesleria* ... Estratto dal Bulletino della Società botanica italiana ... 1905. Oct.
Publ.: 1905 (mss. submitted 9 Apr 1905), p. [1]-3. *Copy*: G. – Reprinted and to be cited from Bull. Soc. bot. ital. 1905: [126]-128.

12.435. *Un gioiello della flora maltese* nuovo genere e nuova specie di Composte ... Estratto dal Nuovo Giornali botanico italiano (nuova serie) vol. xiv, n. 4, Ottobre 1907. Oct.
Publ.: Oct 1907 (in journal), cover-t.p., p. [1]-10. *Copies*: B, M. – Reprinted and to be cited from Nuovo Giorn. bot. ital. n.s. 14(4): 505. 1907. – *Melitella pusilla* Sommier n.g.sp. on p. [496].

12.436. *Materiali per una florula di Pantelleria* ... Estratto dal Bulletino della Società botanica italiana ... 1907. Oct.
Publ.: 1907 (mss. submitted 14 Apr 1907), p. [1]-13. *Copies*: G, M. – Reprinted and to be cited from Bull. Soc. bot. ital. 1907: 48-60.

12.437. *Le isole pelagie* Lampedusa, Linosa, Lampione e la loro flora con un elenco completo delle piante di Pantellaria. Firenze (Stabilimento Pellas ...) 1908. Oct. (*Isole pelagie*).
Publ.: 1906-1908 (in journal), p. [i-iv], [1]-344, [345]. *Copies*: G, M, MO, NY, USDA. – Originally issued as appendices to Boll. r. Ort. bot. Palermo:
5(1-2): App. p. 1-32. 30 Jun 1906.
5(3-4): App. p. 33-80. 31 Dec 1906.
6(1): App. p. 81-144. 31 Mar 1907.
6(2-3): App. p. 145-272. Apr-Sep 1907.
6(4): App. p. 273-304. Oct-Dec 1907.
7(1-3): App. p. 305-345. Jan-Sep 1908.
Post-script: 1908 (mss. submitted 14 Nov 1908), p. [1]-4. *Copy*: G. – "A proposito della flora delle Isole Pelagie", Bull.Soc. bot. ital. 1908: 137-140.
Ref.: Diels, L., Bot. Jahrb. 42 (Lit.): 41-42. 29 Dec 1908 (rev.).
Muschler, R., Bot. Zeit. 67(2): 42-46. 1909 (rev.).

12.438. *L'Isola di Pianosa* nel Mar Tirreno e la sua flora ... Firenze (Tipogr. M. Ricci e Stab. Pellas) 1909-1910. Oct.
Publ.: Oct 1909 and Jan 1910 (in journal; reprint received by Burnat at G on 11 Jul 1910), p. [1]-177. *Copies*: G, M. – Reprinted and to be cited from Rivist. geogr. ital. 16: 441-452. Aug, 528-540. Nov, 585-606. Dec 1909 and Nuovo Giorn. bot. ital. 16(4): 357-438. Oct 1909, 17(1): 123-164. Jan 1910.
Ref.: Diels, L., Bot. Jahrb. 45 (Lit.): 17-18. 1911 (rev.).

12.439. *Flora melitensis nova* .. Firenze (Stabilimento Pellas ...) [1913-] 1915. Oct. (*Fl. melit. nova*).
Co-author: Alfredo Caruana Gatto.
Publ.: 1913-1915 (p. 1-63: 1913; p. 65-502. 1915), p. [i-viii], frontisp., [1]-502. *Copies*: G, HH, NY, US, USDA. – Originally issued as appendices to Boll. r. Ort. bot. Giard. col. Palermo 11(4), app. p. 1-63. Oct-Dec 1912, publ. 1913; and Boll. r. Ort. bot. Palermo n.s. 1, app. p. 65-502. 1914-1915, publ. 1915. – Further notes in Nuovo Giorn. bot. ital. n.s. 23: 295-326. 1916.
Ref.: Godfery, M.J., J. Bot. 56: 121-123. Apr 1918 (rev.).

12.440. *Osservazioni sulla flora maltese* ... Estratto dal Nuovo Giornale botanico italiano ... 1916. Oct.
Publ.: Jul 1916, p. [1]-32. *Copy*: M. – Reprinted and to be cited from Nuov. Giorn. bot. ital. ser. 2. 23(3): [295]-326. 1916.

12.441. *Flora dell'isola di Pantellaria* ... Firenze (Tipografia di M. Ricci ...) 1922. Oct. (*Fl. Pantellaria*).
Publ.: 1922 (p. [iii] printing finished 5 Aug 1922, portr. Sommier), p. [1]-110, [111]. *Copies*: G, HH, NY, USDA. – See also H. Ross, Bull. Soc. bot. ital. 1906: 38-45.

Sondén, Carl Marten (1846-1913), Swedish physician and botanist; Dr. med. Uppsala 1874; professor at a school for midwives in Stockholm 1896-1911. (*Sondén*).

HERBARIUM and TYPES: S; other material at GB.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 303; BL 2: 543, 718; IH: (files); KR p. 661 (b. 10 Mar 1846, d. 20 Mai 1913).

BIOFILE: Anon., Bot. Not. 1906: 215 (herb. donated to S.), 1913: 199 (d.).
Lindroth, K., Hygiea, Sweden 75: 513-524. Jun 1913 (obit.).
Vestergren, T., Sv. bot. Tidskr. 8: 153-158. 1914 (obit., portr.).

Sonder, Christoph (*fl.* 1890), German (Holstein) pharmacist and botanist; Dr. phil. Rostock 1890; pharmacist in Oldesloe, Schleswig-Holstein, nephew of O.W. Sonder. (*C. Sond.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Christiansen p. 320 [index].

BIOFILE: Fischer-Benzon, R.J.D. von, *in* P. Prahl, Fl. Schlesw.-Holst. 2(1): 55. 1890.

COMPOSITE WORKS: Contributed to P. Graebner, *Zur Flora der Kreise Putzig, Neustadt* (Westpreussen) *und Lauenburg in Pommern*, Schr. naturf. Ges. Danzig ser. 2. 1(1): 271-396. 1895.

12.442. *Die Characeen der Provinz Schleswig-Holstein* und Lauenburg nebst eingeschlossenen fremden Gebietstheilen. Inaugural-Dissertation der hohen philosophischen Fakultät der Universität Rostock ... Kiel (Druck von Carl Böckel) 1890. Oct. (*Charac. Schlesw.-Holst.*).
Publ.: 1890 (Nat. Nov. Dec(2) 1890), p. [1]-63, [64], chart. *Copy*: NY.
Ref.: Knuth, P., Bot. Centralbl. Beih. 1(1): 10-13. 1891.

Sonder, Otto Wilhelm (1812-1881), German (Holstein) botanist and pharmacist; pharmaceutical state examination Berlin 1835; owner of a pharmacy in Hamburg 1841-1878; Dr. phil. h.c. Königsberg 1846; compiled a large herbarium especially rich in African and Australian collections. (*Sond.*).

HERBARIUM and TYPES: The Sonder herbarium was sold in parts after his death. The most important parts are at MEL and S. – The set at S contains the major part of the South African herbarium, acquired in 1875, including many types of the *Flora capensis*. B. Nordenstamm (in lit. and 1980) informed us that this set contains at least 60.000 specimens; many sheets have detailed annotations in Sonder's handwriting. A list of the holdings of MEL (main part of algal herb.) is given by Court (1972). Gandoger also acquired part of the African herbarium but it is not clear whether this set is now at LY; it contained mainly the classical series of exsiccatae of Drège (8575), Ecklon (4500) and Zeyher (Gandoger 1901). – Other Sonder material is at BM (some algae), C, CGE, DBN, E, E-GL, GRA, K, KIEL (algae), L (also in herb. Kützing; algae), LE, MANCH, PH, TCD (algae), W (algae), WAG. – *Letters* to D.F.L. von Schlechtendal at HAL, to F.A.W. Miquel at U, other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 34: 619-621 (E. Wunschmann); AG 1: 275; Backer p. 661; Barnhart 3: 303 (b. 13 Jun 1812, d. 21 Nov 1881); Biol.-Dokum. 17: 8773; BL 1: 54, 319; BM 5: 1970; Bossert p. 376; Christiansen p. 320; CSP 5: 749-750, 8: 982, 11: 451, 12: 693; De Toni 1: cxviii, 4: liv; DTS 1: 284; Frank 3 (Anh.): 98; Herder p. 189, 217, 230, 325; Hortus 3: 1204; IH 1 (ed. 2): 114, (ed. 3): 146, (ed. 6): 364, (ed. 7): 343, 2: files; Jackson p. 399; KR p. 661; LS 25370; Morren ed. 2, p. 12; PR 2099, 3834, 8769-8777, ed. 1: 9748; Rehder 5: 812; Saccardo 2: 102; SBC p. 132; TL-1/484, see indexes; TL-2/198, 2448, 3607, 4332, 6397, see indexes; Tucker 1: 659-660; Urban-Berl. p. 399; Zander ed. 10, p. 719, ed. 11, p. 820.

BIOFILE: Anon., Bonplandia 3: 34. 1855, 6: 53. 1858 (cognomen Leopoldina Seba III), 7: 219. 1859 (support Fl. cap.), 8: 108. 1860 (Fl. cap. vol. 1), 10: 267. 1862 (Sonder acquires Lehmann's Asperifoliae); Bot. Centralbl. 8: 288. 1881 (d.), 12: 32. 1882 (coll. of 80 Australian wood specimens for sale); Bot. Not. 1874: 191 (Afr. herb. bought by S.), 1875: 123-124 (id.), 1882: 30 (d.); Bot. Zeit. 4: 520. 1846 (dr. h.c. Königsberg), 18: 388. 1860 (*Fl. cap.* vol. 1 out), 39: 814. 1881 (d.), 40: 729. 1882 (Austral. works); Bull. Soc. bot. France 28 (bibl.): 235. 1881 (d.); Flora 29: 527. 1881 (dr. h.c. Königsberg), 64: 560. 1881 (d.); J. Bot. 20: 31-32. 1882 (obit. not.); Leopoldina 17: 211. 1881 (d.).

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Hein, W.H. & H.D. Schwarz 2: 638-639. 1978.

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Lowden, R.M., Taxon, Index pers. names vols. 1-30. 686. 1985.

Maiden, J.K., J. Proc. R. Soc. N.S.W. 55: 167-168. 1922 (work on Austral. coll., epon.).

Marshall, H.S., J. Soc. Bibl. nat. Hist. 1(7): 195-196. 1939 (dates of Harvey and Sonder, *Flora capensis*).

Müller, R.H.W. & R. Zaunick, Friedrich Traugott Kützing 21, 238, 239, 245, 248, 295. 1960.

Nordenstamm, B., Taxon 29: 279-291. 1980 (on the Sonder herbarium in S.; the type specimens for the early volumes of Fl. cap. are in S. wherever "Herb. Sond." is cited).

Sadebeck, R., Bot. Centralbl. 9: 363-367. 1882 (main biogr. account).

Sayre, G., Bryologist 80: 518. 1977 (coll.).

Sinkora, D.M., Muelleria 4(4): 419-422. 1981 (notes on Sonder, *Algae of the New Hebrides*, Pap. Proc. R. Soc. Tasmania 1880: 13-14; types MEL, coll. F.A. Campbell).

Thiselton-Dyer, W.T., Bull. misc. Inf. Kew 1925: 289 (brief mention of Sonder's part in Fl. cap.).

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Wittmack, L., Verh. bot. Ver. Brandenburg 24: xlv. 1883 (d.).

Wittrock, V.B., Acta Horti Berg. 3(3): 153, *pl. 126.* 1905.

Womersley, H.B.S., J. mar. freshwater Res. 7: 346, 348. 1956 (herb.).

COMPOSITE WORKS: (1) With W.H. Harvey, *Fl. cap.* vols. 1-3, 1860-1865, co-editor and author of many family treatments for which see TL-2/2448 and Bullock 1978.
(2) Co-editor, J.G.C. Lehmann, *Pl. Preiss.* 1844-1848, TL-2/4332.

(3) *Algae*, *in* O. Kersten, C.C. von der Decken, Reisen Ost-Afrika 3(3): [3], [79]-85. 1879.

NOTE: Sonder acquired the first set of the South African collections of C.F. Ecklon and C. Zeyher, including the unicates. This set is now at S. Apart from his contributions to the *Flora capensis* Sonder published papers based on these collections in Linnaea:
(1) *Enumeratio orchidearum* quas in Africa australi extratropica collegerunt C.F. Ecklon, Dr., et C. Zeyher, Linnaea 19(1): 71-112. 14-16 Jan 1846.
(2) *Beiträge zur Flora von Südafrica*, Linnaea 23(1): 1-138. Feb 1850 (also issued separately, p. [1]-138. *Copy*: MO).

HANDWRITING: M. Gunn & L.E. Codd, Bot. expl. S. Afr. 328. 1981; Muelleria 4(1): 419-422. 1981; Taxon 29: 281, 283, 286. 1980.

EPONYMY: *Ottosonderia* H.M.L. Bolus (1958); *Sondera* J.G.C. Lehmann (1844); *Sonderella* Schmitz (1896); *Sonderia* F. von Müller (1890); *Sonderina* H. Wolff (1927); *Sonderopelta* H.B.S. Womersley et D. Sinkora (1981); *Sonderophycus* M. Denizot (1968); *Sonderothamnus* R. Dahlgren (1968).

12.443. *Revision der Heliophileen* ... [Hamburg 1846]. Qu. (*Revis. Heliophil.*).
Issue (1): 1846, p. [i, iii], [1]-103, [104, err.], *pl. 17-29* (uncol. liths.). *Copies*: G, MO, NY, PH.– Reprinted or preprinted from Abh. Geb. Naturw., Hamburg 1: 173-279. 1846.
Issue(2): 1846, p. [173]-279, [280, err.], *pl. 17-29* (uncol. liths.). *Copies*: BR, G, MO. – Reprinted without change of pagination from idem.

12.444. *Flora hamburgensis*. Beschreibung der phanerogamischen Gewächse, welche in der Umgegend von Hamburg wild wachsen und häufig cultivirt werden ... Hamburg (Verlag von Robert Kittler) 1851 [1850]. Duod. (*Fl. hamburg.*).
Publ.: Nov 1850 (p. iv: Oct 1850; Regensburg rd Nov 1850; ÖbW 30 Jan 1851; Bot. Not. rev. Apr-Mai 1851, p. [i*], [i-iv], [1]-601. *Copies*: B, G, HH, NY, PH, USDA.
Ref.: A-n., Bot. Not. 1851: 87-95, 149-152 (rev.).
Fürnrohr, A.E., Flora 34: 38-47. 21 Jan 1851 (rev.).
Irmisch, Th., Bot. Zeit. 11: 63-67, 86-91. 1853 (rev.).

12.445. *Die Algen des tropischen Australiens* ... [Hamburg 1871]. Qu. (*Alg. trop. Austral.*).
Issue(1): 1871, p. [1]-42, *pl. 1-6* (col. liths. auct.). *Copies*: B-S, NY. – Reprinted or preprinted from Abh. Geb. Naturw. Hamburg 5(2): [33]-74, *pl. 1-6*. 1871.
Issue(2): 1871 (Bot. Zeit. 14 Jul 1871), p. [33]-74, *pl. 1-6* (id.). Reprinted from id. 5(2): [33]-74. *pl. 1-6*. 1871. *Copies*: BR, FH; IDC 6406.
Ref.: Magnus, P., Bot. Zeit. 29: 468-469. 14 Jul 1871 (rev. of journal issue).

12.446. Supplementum ad volumen undecimum fragmentorum phytographieae Australiae, indices plantarum acotyledonarum complectens. I. *Algae australianae* hactenus cognitae, doctore Guilielmo Ottone Sonder enumeratae. [Melbourne (auctoritate Gubern. coloniae Victoriae ....)] 1880. Oct.
Publ.: Sep-Dec 1880 (p. 42: Aug 1880), p. [1]-42. *Copy*: FH. – Reprinted and to be cited from F.J.H. v. Mueller, *Fragm.*, suppl. 1-42. 1880.

Sonet [Sonnet], **Ernest** (*fl.* 1872), Belgian botanist; technician at the Jardin botanique de l'État, Brussels, 1871-1890; from 1890 in retirement because of invalidity. (*Sonet*).

HERBARIUM and TYPES: BR. – Sonet issued a "collection de 100 mousses de la flore belge, fasc. 1, Bruxelles 1883", set at BR. – See also Sayre (1971). Other sets of exsiccatae issued by Sonet are listed by him in his *Fl. méd. belg.*

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 34, 718.

BIOFILE: Sayre, G., Mem. New York Bot. Gard. 19(2): 157. 1971 (exsiccatae).

12.447. *Flore médicale belge* avec dictionnaire des termes employées en médecine ... Schaerbeek-Bruxelles (Imp. F. van Heer-Liekens ...) 1899. (*Fl. méd. belg.*).
Publ.: 1899, p. [i*-iv*], [i]-viii, [1]-9, [1], [1]-421. *Copy*: BR.

Songeon, André (1826-1905), French botanist at Chambéry; botanical explorer of Savoie. (*Songeon*).

HERBARIUM and TYPES: Unknown. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 661; Barnhart 3: 303; BJI 2: 168; CSP 18: 850; see also under E. Perrier; Hegi 6(1): 107; Hortus 3: 1204; Rehder 1: 418, 435; Saccardo 2: 102; Tucker 1: 660; Zander ed. 11, p. 820.

BIOFILE: Anon., Bot. Not. 1906: 45 (d.).
Chabert, A., Bull. Soc. bot. France 52: 278-280. 1905 (obit., b. 8 Mai 1826, d. 18 Apr 1905); Bull. Soc. bot. Hist. nat. Savoie ser. 2. 10: 133-150. 1905.
Chabert, A. et al., Le patriote républicain, Chambéry, 24, 25, 26 Apr 1905 (report on funeral).
Magnin, Ant., Arch. Fl. jurass. 6(52): 96. 1905 (obit.).
Malinvaud, L.J.E., Bull. Soc. bot. France table art. orig. 185. 1899.
Révil & Chabert, Le patriote républicain 40' année, no. 96, 24-26 Apr 1905 (copy at G) (funeral orations).

COMPOSITE WORKS: See E. Perrier de la Bathie, TL-2/7696-7697.

12.448. *Notes sur des plantes nouvelles* ou peu connues *de la Savoie* ... no. 1. [Haguenau (Bas-Rhin)(V. Edler)] 1859. Oct.
Co-author: Eugène Pierre (baron) Perrier de la Bâthie (1825-1916).
Publ.: Dec 1859 (in journal), p. [1]-15. *Copies*: FI, G(2). – Reprinted and to be cited from P.C. Billot, Annot. fl. France Allemagne Dec 1859, p. 181-195. – No. 2 in Billotia 72, 1866.

12.449. *Notes sur quelques plantes nouvelles* ou intéressantes *de la Savoie* et des pays voisins ... [Bull. Herb. Boissier, juin 1894]. Oct.
Co-author: Eugène Pierre (baron) Perrier de la Bâthie (1825-1916).
Publ.: Jun 1894, p. [1]-13. *Copy*: U. – Issued as Bull. Herb. Boissier ser. 1. 2: 425-437. 1894.

12.450. *Herborisations aux environs de Chambéry* ... Chambéry (Imprimerie nouvelle, ...) 1896. Oct. (*Herbor. Chambéry*).
Co-author: Alfred Chabert (1836-1916).
Publ.: 1896 (mss. presented 12 Mar 1896; BSbF rd 18 Dec 1896; AbZ 15 Jan 1897; Nat. Nov. Apr(1) 1897), p. [1]-52. *Copies*: BR, FI, G, HH, U, p. 52: "sera continué".
Ref.: Malinvaud, E., Bull. Soc. bot. France 43 (bibl.): 761-762. 1896.

12.451. *Recherches sur le mode de développement des organes végétatifs de diverses plantes de la Savoie* ... Chambéry (Imprimerie nouvelle, ...) 1907. Oct. (*Rech. dével. pl. Savoie*).
Preface by Alfred Chabert (1836-1916).
Publ.: 1907 (AbZ 15 Jun 1907), p. [i*], [i]-iv ["v"], [1]-258. *Copy*: NY. – Also issued in Bull. Soc. Hist. nat. Savoie ser. 2. 10: 155 ff. 1904, 11: 1-120. 1905, 12: 65-103. 1907.
Ref.: Hariot, P., Bull. Soc. bot. France 54 (bibl.): 749-750. 1907 (rev.).

Sonnerat, Pierre (1749-1814), French colonial administrator, explorer and naturalist; in the colonial and marine department of the French government; visited the Cape of Good Hope, Reunion and Mauritius (ca. 1768), the Moluccas, New Guinea, the Philippines, Ceylon, Malayan peninsula, China; later in command of a French settlement at Yanam, India, and at Pondichery. (*Sonn.*).

HERBARIUM and TYPES: P. – Originally in the Commerson herbaria; some material was later transferred to P-JU and P-LA. – Other material in C (through Vahl), G

(Delessert), LE, LINN, SBT (via Bergius). Archival material in many institutions, listed by M. Ly-Tio-Fane in DSB 11: 537.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 303 (b. 18 Aug 1748, d. 31 Mar 1814); BM 5: 1970; Bret. p. 120-123; Dawson p. 774; Dryander 3: 248, 313, 359; DSB 11: 535-538 (extensive list of secondary literature); Frank 3 (Anh.): 98; Herder p. 60; Hortus 3: 1204; IH 1 (ed. 7): 343, 2: (files); Lasègue p. 314-316, 363, 502; MW p. 462; NI alph.; PR 8773-8774, ed. 1: 9747-9748; Rehder 1: 302, 499; RS p. 142; SK 1: 494, xxix, 8: xciii; TL-1/1248; TL-2/see P.J. Bergius; Tucker 1: 660; Zander ed. 10, p. 719, ed. 11, p. 820.

BIOFILE: Anon., Grand Larousse encycl. 9: 911. 1964.
Arnault, A.V. et al., Biogr. nouv. contemp. 19: 246-247. 1825.
Bailey, L.H., Gent. Herb. 6(1): 14. 1942 (Palms Seychelles).
Gunn, M. & L.E. Codd, Bot. expl. S. Afr. 329-330. 1981 (coll. S. Afr.).
Hoefer, ed., Nouv. biogr. gén. 44: 179-180. 1868.
Jacob de Cordemoy, E., Fl. Réunion xx. 1895.
Jessen, K.F.W., Bot. Gegenw. Vorz. 468-469, 472. 1864.
Lacroix, A., Figures de savants 3: 207-209, 4: 25-31, 37, 41, 157, 231. *pl. 8, 9.* 1938.
Lysaght, A., L'Oiseau et la Revue française d'Ornithologie 22: 120-124. 1952 (on inaccuracies and criticism of his work).
Magnin, A., Bull. Soc. bot. Lyon 31: 34-35. 1906, 32: 111. 1907.
Oliver, S.P., Gard. Chron. ser. 3. 12: 338, 378. 1842.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 959. 1863.
Poiret, J.L.M., Encycl. méth., Bot. 8: 756-757. 1808.
Quérard, J.M., La France litt. 9: 210. s.d.
Quisumbing, E. Phil. geogr. J. 8: 22. 1964 (dates visit Philippines).
Stafleu, F.A., *in* G.H.M. Lawrence, ed., Adanson 1: 306, 337-338, 349, 364. 1963 (see also J.P. Nicolas, p. 75).
W-s., *in* J.F. Michaud, Biogr. univ. 39: 610-612. 1969 [facs. repr.].

NOTE: For extensive details and secondary literature, see M. Ly-Tio-Fane, The career of Pierre Sonnerat, Univ. London 1973 (diss.) and in DSB 11, based on extensive study of the archival material. See van Steenis-Kruseman (SK 1: 494) for an account of Sonnerat's collecting in the Flora malesiana area.

EPONYMY: *Sonneratia* Linnaeus f. (1782, *nom. cons.*) and the derived names *Sonneratioipollis* B.S. Venkatachala et R.K. Kar (1969); *Sonneratiorhizos* S.D. Chitaley (1969); *Sonneratioxylon* E. Hofmann (1952).

12.451a. *Voyage à la Nouvelle Guinée,* dans lequel on trouve la description des lieux, des observations physiques & morales, & des détails relatifs à l'histoire naturelle dans le regne animal & le regne végétal ... à Paris (chez Ruault, ...) 1776. Qu. (*Voy. Nouv. Guinée*).

Publ.: Jan-Mar 1776 (TL-1), p. [1], frontisp., [pl. 1], [iii]-xii, [xiii-xvi], [1]-206, [1-2 approb.], *pl. 1-89, 90/91, 92-120* (uncol. copp. auct.). *Copies*: G, H-UB, HH, M, NY, PH, U; IDC 5743.

Ref.: Alexander, W.B., Emu 23: 299-305. 1924.
Anon., Mon. Rev. London 54: 546-552. Jun 1776, London Rev. 4: 523-524. Dec 1776.

Abbreviated translations: (1) An account of a voyage to the Spice-Islands, and New Guinea; Bury St. Edmunds (reprinted and sold by W. Green ...) 1780, p. [i], [1]-150, i-xiv, *Copy*: HH. – See BM 5: 1970.

(2) *Sammantrag af Herr Sonnerats resa till Nya Guinea* gjord åren 1771 och 1772. Med Företal och Tilläggningar utgifvet af Samuel Ödmann, ... Uppsala (Tryckt hos Directeuren Joh. Edman, ...) 1786. [Samuel Lorentz Ödman, 1750-1829]. *Copy*: UPS-UB (no analysis).

(3) Sonnerat's ... *Reise nach Neuguinea.* Aus dem Französischen übersetzt von J.B. Ebeling ... Leipzig (in der Weygandschen Buchhandlung) 1777. Qu. (*Reise Neuguinea*), 77, [1] p., *30 pl. Copy*: Jena-UB.

12.452. *Voyage aux Indes orientales* et à la Chine, fait par ordre du Roi, depuis 1774 jusqu'en 1781: dans lequel on traite des moeurs, de la religion, des sciences & des arts des Indiens, des Chinois, des Pégouins & des Madégasses; suivi d'observations sur le Cap de Bonne-Espérance, les Isles de France & de Bourbon, les Maldives, Ceylon, Malacca, les Philippines et les Moluques, & de recherches sur l'histoire naturelles de ces pays, ... à Paris (chez l'auteur, ... Frouté, ... Nyon, ... Barrois, ...) 1782. 2 vols. Qu. (*Voy. Indes orient.*).

Ed. 1: 1782, 2 vols. *Copies*: M, NY, PH, U.

1: 1782 (p. x: 5 Feb 1782), p. [i]-xv, [xvii-xxiv], [1]-317, [318, err.], *pl. 1-80* (uncol. copp.).

2: 1782 (sets of vols. 1-2 were sent to Lightfoot on 16 Mar 1783 and to Banks on 12 Apr 1783), p. [i]-viii, [1]-298, *pl. 81-140* (*123-140* plants) (id.).

Ed. 1 (octavo ed.): 1782, 3 vols. *Copy*: U.

1: 1782, p. [i]-xxii, 1-340, *pl. 1-2.*

2: 1782, p. [i-vi], [1]-376, *pl. 1-2.*

3: 1782, p. [i-vi], [1]-362, *pl. 1-3*).

Ed. 2: Aug 1806 (legal deposit 30 Aug 1806). *Copies*: G, HH, PH. – Nouvelle édition, revue et rétablie d'après le manuscrit autographe de l'auteur, augmentée d'un Précis historique de l'Inde, depuis 1778 jusqu'à nos jours, de notes et de plusieurs mémoires inédits, par M. Sonnini. Paris (Dentu ...) 1806.

1: p. [3]-12, [xiii-xxviii], [1]-372.

2: p. [i-iii], [1]-445.

3: p. [i-iii], [1]-412, [413, err.].

4: p. [i-iii], [1]-488, [489, cont.], plants on p. 383-421. *Plates*: [1]-8, *pl. 1-140* [123-140 plants].

German translation: 1783, 2 vols., *Copies*: HH, NSUB, WU. – *Reise nach Ostindien und China*, auf Befehl des Königs unternommen vom Jahr 1774 bis 1781 ... Zürich (bey Orell, Gessner, Füssli und Kompagnie) 1783. Qu.

1: p. [i]-xii, [1]-268, [269, binder], *80 pl.*

2: p. [i]-x, [1]-214.

Sonnini de Manoncour, Charles Nicolas Sigisbert (1751-1812), French naturalist and traveller; in Guyana 1772-1776; in the eastern Mediterranean area 1777-1780; judge and provincial administrator dépt. Meurthe 1793; later director of a college in Vienne. (*Sonnini*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1970, 8: 1219; CSP 5: 751; Dryander 3: 634; Herder p. 60, 394; Langman p. 709; NI (alph.); PR 6288, 7855, 8755-8777, ed. 1: 1290, 5654, 8809, 9749-9754; Rehder 5: 812; Saccardo 2: 102; TL-1/290, 1249; TL-2/1409, 6127, see Déterville, Rozier; Tucker 1: 660.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 226: 29-30. 1964; Cat. gén. livr. impr. Bibl. natl. 175: 110-117. 1949; Grand Larousse encycl. 9: 912. 1964; Larousse xe siècle 6: 409. s.d.

Nissen, C., Zool. Buchill. 387-388. 1969.

P.L. *in* Hoefer, ed., Nouv. biogr. gén. 44: 180-182. 1868.

Sonnini, C.S., Voyage dans la haute et basse Égypte, Paris, 3 vols. 1799, Voyages en Grèce et en Turquie, Paris, 2 vols. 1801.

T. d. B., *in* J.F. Michaud, Biogr. univ. 39: 613-655. 1969 [facs.].

Wilson, J.G. & J. Fiske, Appleton's Cycl. Amer. biogr. 5: 606. 1888.

Wittrock, V.B., Acta Horti berg. 3(3): 114-115. 1905.

COMPOSITE WORKS: Editor, Mirbel, C.F.B. de, *Hist. nat. pl.* 1802-1806, 18 vols., see TL-2/6127.

EPONYMY: *Sonninia* H.G.L. Reichenbach (1828) probably honors this author but no etymology was given.

12.453. *Voyage dans la Haute et Basse Égypte*, fait par ordre de l'ancien gouvernement, et contenant des observations de tous genres; ... Paris (Chez F. Buisson ...) An VII [1788-1799] 3 vols. and atlas. Oct. Qu. (*Voy. Égypte*).
Publ.: 1799 [an vii: 22 Sep 1798-22 Sep Sep 1799]. *Copy*: HH.
1: [i*-iv*], [i]-vii, [viii], [1]-425.
2: [i-iii], [1]-417.
3: [i-iii], [1]-424.
Atlas: [i], [1]-2, frontisp., *pl. 1-36* (4, 9 platns).
English transl.: 1799, London (printed for John Stockdale, ...), 3 vols. *Copy*: PH. – "*Travels in Upper and Lower Egypt*: ... translated from the French, by Henry Hunter, ..."
1: portr., p. [i]-xix, [1]-376. *pl. 1-8.*
2: portr., p. [i]-vii, [1]-368, *pl. 9-27.*
3: [i]-viii, [1]-324, *pl. 28-37.*
Facsimile ed. Engl. transl.: 1972, Farnborough (Gregg), ISBN 0-576-17110-7.

12.454. *Traité des Asclépiades* particulièrement de l'Asclépiade de Syrie; précédé de quelques observations sur la culture du coton en France ... à Paris (Chez F. Buisson, ...) 1810. Oct. (*Traité Asclép.*).
Publ.: Jul 1810 (JGLF), p. [i], [1]-146, *pl. 1-2* (col. copp.). *Copies*: G, HH, NY, USDA; IDC 5744.

Sonntag, C.O. (*fl.* 1894), Scottish high school teacher and botanist at Edinburgh. (*Sonntag*).

HERBARIUM and TYPES: Unknown.

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Sóo [von Bere], [Károly] Rezsö (1903-1980), Hungarian botanist, high school education at Kolozsvár (Cluj) 1913-1921; studied at Budapest University 1921-1925; Dr. phil. ib. 1925; at Berlin-Dahlem 1925-1927; at the Tihany biological institute 1927-1929; e.o. professor of botany at the University of Debrecen 1929-1935; ordinarius and director of the botanical institute ib. 1925-1940; idem at the Museum Transilvanicum Kolozvár (Cluj) 1940-1944; again at Debrecen 1940-1955; director of the institute of systematic botany and geobotany of the University of Budapest 1953-1969; Dr. h.c. Debrecen 1973. (*Sóo*).

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Sopp, Olav Johan (until 1907: Johan-Olsen) (1860-1931), Norwegian botanist (mycologist); med. kand. Christiania (Oslo) 1888; Dr. phil. ib. 1903, later owner and director of a fermentation-physiological and mycological laboratory at Kap (Kapp) nr Mjoesen). (*Sopp*).

HERBARIUM and TYPES: O.

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Soppitt, Henry Thomas (1858-1899), British (Yorkshire) mycologist and drysalter, in Bradford until 1894; in Halifax 1894-1899. (*Soppitt*).

HERBARIUM and TYPES: HFX; further material at HDD, YRK.

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Copies: B-S, MO.

Sordelli, Ferdinando (1837-1916), Italian naturalist at the municipal natural history museum, natural history teacher at the G.B. Piatti technical school in Milano. (*Sordelli*).

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Sornay, Pierre de (*fl.* 1913), French chemist and botanist at the Station agronomique at Mauritius, later director of the laboratory of agricultural research of the Mauritius "Compagnie du Colonial Engrais Chimiques. (*Sornay*).

HERBARIUM and TYPES: Unknown.

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Publ.: 1870 (p. [iv]: 17 Nov 1870), p. [i-iv], [1]-48, *pl. 1-4* (uncol. liths. auct.). *Copy*: FH.

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Publ.: Oct-Dec 1872 (t.p. 1872; p. ii: 3 Sep 1872; p. vi: 9 Jun 1872; publ. in journal 1873), p. [i-vi], [1]-50, [51, err.], *pl. 3-7*. *Copy*: FH. – Preprinted from Trudy Obšco. Estestv. Kazan Univ. 2(1), 1873 (journal n.v.).

12.466. *Obozrienie gruppy Siphomycetes* ... Kazan (...) 1874. Qu.
Publ.: 1874, p. [1]-26, *pl. 1-2* (uncol. liths. auct.). *Copy*: FH. – Issued as Trudy Obšč. Estestv. Kazan Univ. (Arb. Nat.-Ges. Univ. Kazan) 4(3). 1874. Sorokin, N.V. 1877

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Ref.: Fisch (Erlangen), Bot. Centralbl. 21: 165-169. 1885 (rev.).

Soubeiran, Jean Léon (1827-1892), French botanist and pharmacist; pharmacien Ire classe 1853; at the École supérieure de Pharmacie, Paris (agrégé hist. nat.) 1854; Dr. med. Paris 1855; Dr. sci. nat. ib. 1858; professor at the École supérieure de Pharmacie, Montpellier 1874-1892. (*Soubeiran*).

HERBARIUM and TYPES: Some material at P. – *Letters* at G.

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Publ.: Jan-Feb 1858 (BSbF rd séance 26 Feb 1858), p. [1]-76, *pl. 1-2* (uncol. liths. auct.). *Copies*: G, NY.
Ref.: Anon., Bull. Soc. bot. France 5 (bibl.): 300-302. 1858 (rev.).

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Co-author: Augustin Delondre (1790-1865).
Publ.: 1867 (Flora 18 Apr 1868), cover-t.p., p. [1]-16. *Copies*: B, G. – Extrait de la publication spéciale sur l'exposition universelle de 1867 par la Société impériale zoologique d'acclimatation.

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Publ.: 1874, p. [i*-iii*], [i]-x, [1]-319. *Copies*: F, HH, LC. – Plants on p. 85-296.
Ref.: Gubler, A., J. de Pharm. Chin. ser. 4. 17: 145-151. 1873 (report to Acad. Médec.).

Souché, Baptiste (1846-1915), French botanist and school teacher Pamproux (as "adjoint"), Loubigné and Pamproux until 1879; subsequently devoting himself to botany; founder (1888) and president of the Société botanique des Deux-Sèvres. (*Souché*).

HERBARIUM and TYPES: AUT. – *Letters* to Malinvaud at P.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 304 (b. 6 Sep 1846, d. 11 Oct 1915); BL 2: 211, 719; BM 5: 1974; IH 2: (files); Kelly p. 217; LS 25499-25501, 39398; Rehder 1: 418, 3: 86; Tucker 1: 660.

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2	41-80	1896
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Souèges, [Etienne Charles] René (1876-1967), French botanist and pharmacist; assistant for micrography at the École supérieure de Pharmacie de Paris 1904-1910; Dr. phil. Paris 1907; director of the Département de micrographie ib. from 1910; chef-pharmacien des Asiles de Paris 1908-1942. (*Souèges*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 304; BFM 2567; Langman p. 711.

BIOFILE: Anon., Dict. biogr. franç. cont. 626. 1954; Who's who in France 1955-1956: 1528.
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2: 1934 (Nat. Nov. Oct 1935), p. [1]-59. – "De Hanstein (1870) à nos jours".
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Copies: B, USDA.

Soulange-Bodin, Étienne chevalier (1774-1846), French horticulturist, politician and diplomat; educated at the Collège de Tours; in various diplomatic functions during the Napoleonic period; retired to Fromont after 1813; co-founder and general secretary of the Société d'Horticulture, Paris 1827, later idem of the Société royale et centrale d'Agriculture and president of the Société linnéenne de Paris. (*Soul.-Bod.*).

HERBARIUM and TYPES: Unknown. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: CSP 5: 760; Herder p. 322, 366; Hortus 3: 1204; PR alph., 1502, ed. 1: 2303, 9758-9763; Rehder 5: 813; Tucker 1: 660, 2: xxxvi.

BIOFILE: Anon., Act. Soc. Linn. Bordeaux 14: (93). 1844-1845 (1846) (d.); Cat. gén. livr. impr. Bibl. natl. 175: 756-759. 1949; Flora 30: 16. 1847 (obit.); Jard. France 6: 10. 1971.
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EPONYMY: *Soulangia* A.T. Brongniart (1827).

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Soulat-Ribette (*fl.* 1892), French botanist and "chef d'institution" at Limoges. (*Soulat-Ribette*).

HERBARIUM and TYPES: Unknown.

12.479. *Familles des Characées* description et analyse des espèces et des genres observés dans les départements de la Haute-Vienne, de la Corrèze, de la Creuse, de la Charente et de la Dordogne avec des notes explicatives servant à préciser les caractères différentiels entre les espèces voisines ou faciles à confondre, à les distinguer entre elles et à donner à chacune le nom qui lui convient ... Limoges (Imprimerie-Librairie Limousine Ve H. Ducourtieux ...) 1892. Qu. (*Fam. Charac.*).
Publ.: 1892, p. [1]-40. *Copies*: NY, US.

Soulavie, Jean Louis Giraud (1752-1813), French naturalist diplomate, historian, and clergyman; before the French revolution Roman catholic priest at Nîmes, later vicar at Châlons and deputy for the clergy in the États-généraux; later in Geneva as French resident minister for the Jacobines. (*Soulavie*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 52 (under Giraud-Soulavie; d. 18 Mar 1813); DSB 12: 549-550; PR 8784, ed. 1: 9764; Quenstedt p. 406.

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12.480. *Histoire naturelle de la France méridionale*. Seconde partie. *Les végétaux*. Tome i. Contenant les principes de la géographie physique du régne végétal, l'exposition des climats des plantes, avec des cartes pour en exprimer les limites. Par M. l'abbé Soulavie. À Paris (chez J.Fr. Quillau, ...) 1782. Oct. (*Hist. nat. France, Vég.*).
Publ.: 1782, p. [i-iii], [17]-399, [400], *3 pl. Copies*: Kon. Bibl. Brussel, PH.

Soulié, Jean André (1858-1900), French roman catholic priest and missionary; to Tibet in the mission at Ta-tsien-lu 1885, in 1891 at Yar-gong (Yerka-lo); enthusiastic botanical and zoological collector; murdered 1905. (*Jean Soulié*).

HERBARIUM and TYPES: P, PC. – Duplicates at A, B (mainly destr.), E, G, K, L.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 539; Barnhart 3: 305 (b. 6 Oct 1858, d. 14 Apr 1905); Bret. p. 919-922; Urban-Berl. 399.

BIOFILE: Anon., J. Bot. 43: 368. 1905 (d.).
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EPONYMY: *Souliea* Franchet (1898).

Soulié, Joseph Auguste Louis (1868-1930), French botanist and clergyman; ordained 1892 (educ. Séminaire de Rodez); teacher at the Collège de St. Geniès d'Olt (Aveyron) 1891-1892; id. St. Pons (Hérault) 1905-1907, Ardouanne (id.) 1908-1910; with Jordan de Puyfol, Courbelimagne 1910-1920; in health clinics because of tuberculosis at Amélie-les-Bains (1921), Engayresque (1921) and ultimately in retirement at Rivière-sur-Tarn (Aveyron) 1922-1930; active botanical explorer of the Cévennes and the Pyrenées; collaborator of H.J. Coste. (*Soulié*).

HERBARIUM and TYPES: MPU; further material at E, G, MANCH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 305 (b. 5 Mai 1868); BL 2: 127, 497, 719; Hortus 3: 1204; TL-2/7472.

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COMPOSITE WORKS: With H.J. Coste, *Catalogue des plantes* ou florule du Val d'Aran qui croissent spontanément dans le bassin supérieur de la Garonne depuis ses sources jusqu'à son confluent avec la Pique, Le Mans 1913. 132 p. (also in Bull. Acad. Géogr. Bot. 23: 91-136. 1913, 24: 5-47. 1914, see BL 2: 497).

Soulsby, Basil Harrington (1864-1933), New Zealand-born, British bibliographer and libarian; BA Oxford 1897; with the Library of the British Museum, Bloomsbury, 1892-1909; with that of the British Museum (Nat. Hist.) 1909-1933, from 1921 as librarian. (*Soulsby*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 305 (b. 3 Nov 1864, d. 14 Jan 1933); BM 8: 1220; Desmond p. 574.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 226: 346-347. 1964; Nature 131: 230. 1933 (obit.).
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Linnaeus) mentioned in *the Catalogue of the works of Linnaeus* preserved in the libraries of the British Museum second edition, 1933. London (id.). 1936. Qu. (*Index cat. works Linnaeus*).

Sousa da Câmara, Manuel de (1871-1955), Portuguese mycologist and phytopathologist; studied at the Instituto Agronómico de Lisboa; with the Instituto Superior de Agronomia e Veterinária, from 1901 and its Laboratorio "Verissimo de Almeida" at Lisboa; vice-director of the Instituto 1912, director 1918 (effective 1919)-1942. (*Sousa da Câmara*).

HERBARIUM and TYPES: Collections and types until 1932 at Instituto Superior de Agronomia, Lisboa (Laboratorio "Verissimo de Almeida"); collections after 1932 at LISE (inf. A.P. Pinto da Silva).

BIBLIOGRAPHY and BIOGRAPHY: LS 862-84, 30513-30515, 39401-39402, suppl. 26111-26120; Stevenson p. 1253; Tucker 1: 661.

BIOFILE: Anon., Grand. Enc. port. bras. 29: 859-860, 40: 628. 1945; Quem é alguém (Who's who in Portugal) 1947: 603; Taxon 4: 118. 1955 (d.).
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Co-author: Arrisio Cannas Mendes.
Publ.: 1910 (Hedwigia 12 Oct 1910), cover-t.p., p. [1]-8, *pl. 1-6* (uncol.). *Copy*: FH.

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Sowerby, Charles Edward (1795-1842), British artist who assisted his father James Sowerby and his brother James de Carle Sowerby with their publications. (*C.E. Sowerby*).

HERBARIUM and TYPES: Unknown.

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BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2188. 1878.
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Publ.: 1841 (in monthly parts), p. [1]-56, *48 pl.* (col.). *Copy*: HH.

Sowerby, James (1757-1822), British botanical artist; trained at the Royal Academy Schools; illustrated many of the British botanical publications from 1777-1822; collaborator of e.g. William Curtis and James Edward Smith. (*Sowerby*).

HERBARIUM and TYPES: BM, E, LINN, LIV. – BM has also some models of fungi, manuscripts, letters and drawings (see e.g. J.B. Macdonald 1974); further drawings e.g. at K. – See W.G. Smith (1905) for a description of Sowerby's drawings of fungi. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 8, 56, 91-92, 273, 312; Backer p. 540; Barnhart 3: 305 (b. 21 Mar 1757, d. 25 Oct 1822); BB p. 284; BL 2: 224, 719; Blunt p. 190-192, 217, 234, 244; BM 5: 1981-1982, 8: 1226-1227; CSP 5: 765; Dawson p. 777; Desmond p. 575; DNB 53: 305-307 (18: 713-715); Dryander 3: 24, 225, 257; DSB 12: 552; DU 290-291; Frank 3 (Anh.): 98; GF p. 76; GR p. 381, cat. p. 72; Hawksworth p. 186, 198; Henrey 2: [index], 3: 1363-1372; Herder p. 171, 205, 245; Hortus 3: 1204; Jackson p. 233, 235, 244; Kelly p. 217; LS 25511-25512, 27462; NI 1873-1875, see indexes; Plesch p. 412-413; PR 8786-8798 (Sowerby s.l.), 1857, 2224, 4448-4450, 5625, 8738, ed. 1: 2560, 6283, 9711, 9715, 9766-9768; Rehder 5: 814; SBC p. 132; Sotheby 712-714; Stevenson p. 1258; TL-1/see index; TL-2/72, 1286, 1442, 4215, 4494, 4522; Tucker 1: 661; Zander ed. 10, p. 719, ed. 11, p. 820-821.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2188-2189. 1878.
Anon., Brit. Mus. gen. cat. print. books 226: 633-635. 1964; Bull. misc. Inf. Kew 1933: 2-3. 1933 (some Sowerby drawings in the Tankerville collection of drawings).
Bridson, G.D.R. et al., Nat. hist. mss. res. Bit. Isl. 438 [index]. 1980.
Cleevely, R.J., J. Soc. Bibl. nat. Hist. 6(6): 484-492. 1974 (main bibl.).
Collins, J., A note on the history of the Sowerby family archive; together with a short title catalogue of natural history works written or illustrated by members of the family. London (J.C. Seaton & Co.) 1973, i, 22 p., chart; A preliminary checklist of natural history works written or illustrated, wholly or in part by members of the Sowerby family, London, s.d., 3 p.
Crombie, J.M., J. Bot. 10: 231-235, 356-360. 1872 (notes on the lichens in Sowerby's herbarium), Grevillea 1: 158. 1873 (id.).
Dawson, W.R., The Smith papers 87-88. 1934 (letters to J.E. Smith).
Fletcher, H.R., Story R. Hort. Soc. 26, 57, 177. 1969.
Garry, F.N.A., J. Bot. 41, Supplement 1-32, 33-120, 121-276. 1903 (notes on the drawings for Sowerby's English Botany.
Hawksworth, D.L. & M.R.D. Seward, Lichenol. Brit. Isl. 153, 199. 1977 (lichens at BM, E, LINN).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 248. 1984.
Killermann, S., Z. Pilzk. 13(7): 105-108. 1929.
Klotzsch, J.F., Linnaea 7(2): 193-204, *pl. 8-10.* 1832 (mycological notes on Sowerby's herbarium).
Laplanche, M.C. de, Dict. iconogr. champ. sup. 1894 (concordance hymenomycetes depicted by S. with those in other works; TL-2/4215.

MacDonald, J.B., J. Soc. Bibl. nat. Hist. 6(6): 380-401. 1974 (Sowerby collection in BM(NH)).
Milner, J.D., Cat. portr. Kew 98. 1906.
Murray, G., Hist. coll. BM(NH) 1: 184. 1904 (herbarium, models of fungi at BM(NH).
Nissen, C., Philobiblon 6: 344. 1933; Zool. Buchill. 389. 1969.
Palmer, K. van Winkle, Sterkiana 23: 1-6. 1966 ("who were the Sowerby's?").
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 965-966. 1863.
Rix, M., The art of the botanist 223 [index]. 1981.
Simpkins, D.M., J. Soc. Bibl. nat. Hist. 6(6): 402-415. 1974 (biographical sketch of James S., written by his son, James de Carle Sowerby, 1825), id. 416-417. 1974 (child reminiscences of James S.).
Smith, W.G., J. Bot. 43: 156-160, 180-186, 209-215, 239-243, 258-267, 319-322. 1905 (description of Sowerby's drawings of fungi in BM(NH)); Guide to Sowerby's models of British fungi, London 1893, 1898, 1908.
Stafleu, F.A., *in* C.L. L'Héritier, Sertum angl. facs. ed. 1963, p. xxxii, lxi, lxiii, *in* J. MacPhail, ed., Catalogue redouteana 4, 8. 1963 (see also p. 35, 37).
Wheeler, A., ed., Papers on the Sowerby family, J. Soc. Bibl. nat. Hist. 6(6): 377. 559. 1974 (portraits, genealogical chart, introduction to this "Sowerby number").
White, J.W., Flora of Bristol 73-76. 1872 (on his English Botany).
Woodward, B.B., Hist. coll. BM(NH) 1: 28, 50-51. 1904 (drawings mss. at BM(NH)).
Zittel, K.A. von, Gesch. Geol. Paläont. 187, 585, 664, 684, 692, 816. 1899; Hist. geol. palaeontol. 48, 131, 132, 434. 1901.

COMPOSITE WORKS: The following list of botanical works to which James Sowerby contributed illustrations is mainly based on Cleevely (1974). – See also Collins (1973, p. 11-15).

(1) Lightfoot, J., *Fl. scot.* 1777, ed. 2. 1789, reissue 1792. TL-2/4522. – A few plates by J.S. (e.g. *30-32, 34*).

(2) Curtis, W., *Linn. Syst. bot.* 1777, TL-2/1287. *3 pl.* signed by J.S.

(3) Curtis, W., *Fl. lond.* 1775-1798 and further eds., TL-2/1286. *51 pl.* by J.S. see Cleevely.

(4) L'Héritier de Brutelle, C.L., *Stirp nov.* 1785-1791, TL-2/4484, *pl. 42* by J.S.

(5) Whithering, W., *An account of the foxglove*, ... 1785. For a discussion of S.'s possible contribution to this paper see Stevenson, Hunt. Cat. 2(2): 453 (no. 676), and Cleevely.

(6) Relhan, R., *Fl. cantabr.* 1785, TL-2/8973, the 7 plates were engraved by S. after drawings by James Bolton.

(7) Dickson, J., *Fasc. pl. crypt. Brit.*, 1785-1801, TL-2/1442; all plates by S., original drawings at BM(NH).

(8) L'Héritier de Brutelle, C.L., *Geraniologia* 1787-1792, TL-2/4494; *6 plates* by S.

(9) Curtis, W., *Bot. mag.*, TL-2/1290; see Cleevely for a list of plates by S.

(10) Driver, A. & W., *The pomona britanica* 1788, *8 pl.* by S.; Collins (1973: 6) suggests that the text may also be by S.; Cleevely, however, is "unwilling to believe that he was responsible".

(11) L'Héritier de Brutelle, C.L., *Sert. angl.* 1789-1791, TL-2/4492; *pl. 1, 3-7, 9, 22, 26, 29* by S; see W. Blunt, in *Sert. angl.* facs. ed. 1963, p. lxi-lxvi.

(12) Aiton, W., *Hort. kew.* 1789, ed. 2, 1810-1813. TL-2/72-73. *pl. 1, 2, 12* by S., originals at BM(NH).

(13) Smith, J.E., *Pl. icon. in ed.* 1790-1791. TL-2/12.220 *2 pl.* by S.

(14) Smith, J.E., *Icon. pict. pl. rar.* 1790-1792. TL-2/12.222. All *18 pl.* by S.

(15) Woodville, W., *Medical botany.* 1790-1793. All (*274*) *pl.* by S.

(16) Smith, J.E. & J. Sowerby, *English botany.* – See under J.E. Smith, see also Garry (1905).

(17) Salisbury, R.A., *Icon. stirp. rar.* 1791, TL-2/10.118, all (*20*) *pl.* by S.

(18) Smith, J.E., *Spicil. bot.* 1792, TL-2/12.223, all (*24*) *pl.* by S.

(19) Smith, J.F., *Spec. bot. New Holland* 1793-1795, TL-2/12.229, *16 pl.* by S.

(20) Fraser, J., *Thalia (?) dealbata.* Discovered growing in a lake, in North America in 1790, *1 pl.* by S., see also J. Bot. 43: 329-331. 1905.

(21) Thornton, R.J., New illustration of the sexual system of C. von Linnaeus, 1799. – *pl. 86* by S.

(22) Lambert, A.B., *Descr. Pinus* 1803-1825, TL-2/4146, *4 pl.* by S. in vol. 1, 6 in vol. 2.

(23) Smith, J.E. & J. Sowerby, *Exot. bot.* 1804-1805 [1808], TL-2/12.244, *120 pl.* by S.
(24) Sibthorp, J. and J.E. Smith, *Fl. graec.* TL-2/11.935, all plates engraved by James Sowerby and other members of the family (orig. drawings: Fe. Bauer).
(25) Smith, J.E., *Intr. physiol. syst. bot.* 1807, TL-2/12.249, *15 pl.* by S.
(26) Keith, Patrick, *A system of physiological botany*, London (Baldwin, Cradock & Joy) 1816, x, 478 and iii, 526 p., *9 pl.* by S.
(27) Graves, George, *A monograph of the British grasses*, London 1822-1833, v, [71] p., *48 col. pl.*, possibly copied after Fl. lond. originals.

HANDWRITING: J. Soc. Bibl. nat. Hist. 6(6): 390, 391. 1974.

NOTE: For the most recent and complete list of natural history works in which James Sowerby (and other members of the family) was involved see R.J. Cleevely, *A provisional bibliography of natural history works of the Sowerby family*, J. Soc. Bibl. nat. Hist. 6(6): 482-559 (James Sowerby p. 484-492). 1974. For further details see this publication and its list of works on, or relating to the Sowerbys as well as the general list of references on p. 549-553.

EPONYMY: *Sowerbaea* J.E. Smith (1798); *Sowerbyella* Nannfeldt (1938).

12.487. [*A botanical drawing-book*: *or*,] An easy introduction to drawing flowers according to nature ... London (printed by Richard Taylor) 1789. Obl. Qu. (*Bot. draw.-book*).
Ed. [*1*]: 1 Nov 1788 (date on plates), t.p., *6 pl.* 12 p. text. *Copies*: BM-Bloomsbury, HH. – Cover: "A botanical drawing-book". – See DU 290.
Ed. 2: 1 Aug 1807, t.p., *pl. 1-10* with text (*pl. 1-6* dated 1 Nov 1788, *pl. 7-8*, 1 Aug 1807, [i-ii]. – *Copies*: BM, MICH. – London (Printed by Richard Taylor & Co., Shoelane ...) s.d.
German: 1794, Botanisches Zeichnenbuch mit Kupfern, Weimar 1794 (n.v.).

12.488. *Flora luxurians*; or the florist's delight. No. 1-3. †. [London], [1789-] 1790-1791. (*Fl. lux.*).
Publ.: 3 parts, 1789, 1790, 1791, *18 pl.* with 16 p. descriptive letterpress, n.v., see He 2, no. 711, for further details.

12.489. V. *Account of the difference of structure in the flowers of six species of Passiflora* ... [Trans. Linn. Soc. 2: 19-28. 1794]. Qu.
Publ.: 1 Mai 1794, Trans. Linn. Soc. 2: 19-28. 1 Mai 1794.

12.490. *Coloured figures of English fungi* or mushrooms, ... London (printed by J. Davis; and sold by the author, ...) [1795-] 1796-1803, [-1815]. Qu. (*Col. fig. Engl. fung.*).
1: 1795-1797 (*pl. 1-22* "1795", *25-61* "1796", *62-120* "1797"), p. [1-54], *pl. 1-120* (col. copp. auct.), [1-2, index].
2: 1798-1799 (plates dated from 1 Jan 1798-1 Sep 1799), p. [1-50], *pl. 121-240*, [1-2, index].
3: 1800-1803 (plates dated from 1 Jan 1800-1 Jul 1803), p. [1-86], *pl. 241-400*, [1-5, index].
Copies: B, FH, G, LC, MICH, MO, Stevenson, TCD, Teyler, Univ. Illinois, USDA. – For notes on the original drawings see W.G. Smith (1905). – The plates are coloured by hand; some were printed in a colour other than black. See also J. Collins in Sotheby 712-713. Details on dates given in table on p. 762.
Supplement: 1809-1815, [24] p., *pl. 401-419*, *420/438* (combined), *421*, *422/423*, *424*, *425/427* (combined), *426*, *428-437*, *439/440*. *Copies*: BM, Univ. Illinois (see above). – Not finished, no t.p. issued.
Ref.: Laplanche, M.C. de, Dictionnaire iconographique des champignons 1894.
Killerman, S., Zeitschr. Pilzkunde ser. 2. 8: 102-108. 1929.
Ramsbottom, J., Trans. Brit. mycol. Soc. 18: 167-170. 1933.

12.491. XXIV. *Catalogue of some of the more rare plants observed in a tour through the western counties of England*, made in June 1799, by Dawson Turner, ... and ... James Sowerby, ... [Trans. Linn. Soc. 5: 234-241. 1800]. Qu.

Table for 12.490

vol.	part	*plates*	dates	vol.	part	*plates*	dates
1	1	*1-5*	Jan 1796	2	17	*201-220*	Mai 1799
	2	*6-10*	Feb 1796		18	*221-240*	Sep 1799
	3	*11-15*	Mar1796	3	19	*241-260*	Jan 1800
	4	*16-20*	Apr1796		20	*261-280*	Mai 1800
	5	*21-25*	Mai1796		21	*281-300*	Sep 1800
	6	*26-30*	Jun 1796		22	*301-320*	1 Mai 1801
	7	*31-35*	Jul1796		23	*321-340*	Sep 1801
	8	*36-40*	Aug 1796		24	*341-360*	Jan 1802
	9	*41-60*	Sep 1796		25	*361-374*	1 Sep 1802
	10	*61-80*	Jan1797		26	*375-378*	1 Jan 1803
	11	*81-100*	Mai1797		27	*379-400*	1 Jul 1803
	12	*101-120*	Sep 1797	Suppl.	28	*401-406*	1 Feb 1809
2	13	*121-140*	Jan 1798		29	*407-412*	1 Apr 1809
	14	*141-160*	Mai 1798		30	*413-423(438)*	1 Nov 1814
	15	*161-180*	Sep 1798		31	*424-429*	1 Dec 1814
	16	*181-200*	Jan 1799		32	*430-440*	1 Jan 1815

Continuation 12.491:

Co-author: Dawson Turner (1775-1858).
Publ.: 20-22 Feb 1800, Trans. Linn. Soc. 5: 234-241.

Sowerby, James II (1815-1834), British botanical artist, grandson of James Sowerby, son of J. de Carle Sowerby. (*Js. Sowerby II*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BB p. 284; Desmond p. 575; NI 1876.

BIOFILE: Cleevely, R.J., J. Soc. Bibl. nat. Hist. 6(6): 535. 1974.
Wheeler, A., ed., J. Soc. Bibl. nat. Hist. 6(6): chart. 1974 (b. 18 Nov 1815, d. 1 Feb 1834).

12.492. *The mushroom and champignon illustrated*, compared with, and distinguished from, the poisonous fungi that resemble them ... London (published by J. Sowerby, Jun. ...) 1832. Oct. (*Mushroom and champ.*).
Publ.: 1832, p. [i-viii], *pl. 1-5* (col.), from James Sowerby I, *English fungi*, 1797-1815.

Sowerby, James de Carle (1787-1871), British naturalist and artist, eldest son of James Sowerby and his closest collaborator; founder member of the Royal botanic Society and Gardens, Regent's Park, London 1838; secretary to this society 1839-1869. (*J. de C. Sowerby*).

HERBARIUM and TYPES: Unknown. Some notes, sketches, drawings and letters in BM(NH). Kent and Allen 1984 state that British plant specimens are at BM.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 305 (d. 26 Aug 1871); BB p. 284; BL 2: 224, 719; BM 5: 1983-1984; Bossert p. 377; DNB 53: 307-308 (b. 5 Jun 1787) (18: 715-716); Henrey 2: 143, 196, 670; Hortus 3: 1204; Jackson p. 236; Lenley p. 380; NI see indexes; Quenstedt p. 406; SO 842b; TL-2/459, 695, 9734.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 226: 635-636. 1964; Flora 54: 399. 1871 (obit. not.); Gard. Chron. 1871: 1203, 1260 (obit.); Gard. Mag. 1888: 494-495 (portr.); Geol. Mag. 8(10): 478-479. 1871 (obit., bibl.); J. Bot. 9: 319-320. 1871 (obit. not.); Proc. Linn. Soc. 1871-1872: lxxix-lxxx. 1872; The Lancet 2: 451-452. 1871.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 438 [index]. 1980.

Cleevely, R.J., J. Soc. Bibl. nat. Hist. 6(6): 493-509. 1974 (bibl.).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 248. 1984.
MacDonald, J.B., J. Soc. Bibl. nat. Hist. 6(6): 389-395. 1974 (mss. BM(NH)).
Palmer, K. van Winkle, Sterkiana 23: 1-6. 1966.
Woodward, B.B., Hist. coll. BM(NH) 1: 51. 1904.
Woodward, H.B., Hist. geol. 53: 68-69. 1910 (portr.).
Zittel, K.A. v., Gesch. Geol. Paläont. 187. 1899; Hist. geol. palaeont. 131, 132, 365. 1901.

COMPOSITE WORKS: For a detailed list of publications to which J. de C. Sowerby contributed see Cleevely (1974). The following list of the main botanical works in which S. participated is mainly based on this account.
(1) Turner, D., *Muscologiae Hibernicae spicilegium*, 1804, see Cleevely p. 493 for the possible involvement (as an engraver) of S. in this work.
(2) Sibthorp, J. and J.E. Smith *Flora graeca* 1806-1840, TL-2/11.935. S. prepared engravings from original drawings made by his father, James Sowerby, q.v.
(3) Loudon, J.C., *Encycl. pl.* 1829, TL-2/5026. – Drawings by S.
(4) Smith, J.E. & J. Sowerby, *English botany, Supplement*, 1831-1863, TL-2/12.221. S. editor of vols. 1-3; see Cleevely (1974) p. 495 for further details.
(5) Id., *English botany*, ed. 2, 1832-1846, TL-2/12.221. Vols. 1 and 2 edited by S.
(6) Berkeley, M.J., *Glean. Brit. alg.*, 1832-1833, TL-2/459a. Plates engraved by S. from drawings by M.J. Berkeley.
(7) Halstead, C.A., *The little botanist*, 1835, illustrations drawn and engraved by S.
(8) Murchison, R.I., *The Silurian system* 1839; text on fossil shells and all but 6 plates by S.
(9) Bowerbank, J.S., *A history of the fossil fruits and seeds of the London Clay*, 1840. *Plates* by S.
(10) *Magazine of natural History*, 1829-1840, numerous notes and other small contributions.
(11) *Annals natural History* and *Annals Magazine natural History*, 1840-1841, many *plates* illustrating papers by other authors engraved or drawn and engraved by S.; these papers are all listed by Cleevely (1974).

HANDWRITING: J. Soc. Bibl. nat. Hist. 6(6): 397. 1974.

NOTE: James de Carle Sowerby was the son of James Sowerby (1757-1822) and Anne de Carle (1764-1815).

Sowerby, John Edward (1825-1870), British botanical artist and publisher; grandson of James Sowerby. (*J.E. Sowerby*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 305; BB p. 284; BL 2: 220, 224, 719; BM 5: 1984; Desmond p. 575; DNB 53: 308 (18: 716); Herder p. 171, 277; Jackson p. 239, 241; NI 119, 1877, see indexes; Plesch p. 314; Rehder 1: 402; TL-2/1197, 3372-3376; Tucker 1: 661.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2189. 1878.
Anon., Brit. Mus. gen. cat. print. books 226: 636-637. 1964; Gard. Chron. 1870: 276, 559 (obit.); J. Bot. 8: 63. 1870 (d.).
Barber, L., The heyday of natural history 115, 119. 1980.
Cleevely, R.J., J. Soc. Bibl. nat. Hist. 6(6): 535-536. 1974 (b. 17 Jan 1825, d. 28 Feb 1870; bibl.).
Collins, J., [The Sowerby family], London 1973, A note on the history of the Sowerby family archive, London (J.S. Seaton & Co.) 1973, p. [i], 22, chart, p. 18.
Freeman, R.B., Brit. nat. hist. books 323. 1980.

COMPOSITE WORKS: (1) With Charles Johnston (for text), *The ferns of Great Britain* 1855 [i.e. 1854-1855, in 8 parts] see TL-2/3372 (line 2 of entry recte "1855").

(2) With idem, *British poisonous plants* 1856, see TL-2/3373.
(3) With idem, *The fern allies*, 1856, see TL-2/3374.
(4) With idem, *The grasses of Great Britain*, 1857-1861, see TL-2/3375.
(5) With Charles Pierpont Johnson, *The useful plants of Great Britain* 1861-1862, see TL-2/3376.
(6) J.E. Smith and J. Sowerby, *English botany*, ed. 3, 1863-1886 "figures by J. Sowerby, ... J. de C. Sowerby, ..., J.W. Salter, ... and John Edward Sowerby, ..."
(7) With Charles Pierpont Johnson, *British wild flowers*, 1860, "illustrated by John E. Sowerby" n.v., various reissues: 1863, 1882 (with a supplement by John W. Salter ...), 1894.
(8) Mrs P. Lankester, *Wild flowers worth notice*, 1861, ed. 2, 1879 (n.v.), *18 pl.* by J.E.S.
(9) T.W. Gissing, *The ferns and fern allies of Wakefield*, 1862 (n.v.), *26 pl.* by S.
(10) G.S. Stacey, *The flora of Essex*, 1862 (n.v.), *4 pl.* by J.E.S.
(11) M.C. Cook, *Rust, smut*, 1865, TL-2/1197, ills. by J.E.S.
(12) J.E. Taylor, *Flowers, their origin, shapes, perfumes and colours* 1878, *8 pl.* by J.E.S.; ed. 2. 1878, ed. 4. 1880.

12.493. *An illustrated key to the natural orders of British wild flowers.* Compiled and illustrated by John E. Sowerby, ... London (John van Voorst, ...) 1865. Oct. (*Ill. key Brit. fl.*). *Publ.*: 1865 ("notice": Jan 1865; J. Bot. 1865 (rev.)), p. [i-iii], [1]-42, *pl. 1-9* (col. liths.).
Copies: MO, NY, USDA.

Sowter, Frederick Archibald (1899-1972), British sales manager, bryologist and lichenologist at Leicester. (*Sowter*).

HERBARIUM and TYPES: LSR; further material in BR, E, K, LD, LIV, LTR, NMW, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 377; Clokie p. 247; Desmond p. 576 (b. 30 Aug 1899, d. 16 Nov 1972); GR p. 415, *pl.* [*34*]; Kleppa p. 138.

BIOFILE: Anon., Biol. J. Linn. Soc. 5(4): 392. 1973 (d.); Int. lichenol. Newsletter 7(1, 2): 10. 1973 (d.); Rev. bryol. lichénol. 39: 349. 1973 (d.).
Ewan, I.M., Trans. Leicester Lit. Phil.-Soc. 67: 20-24. 1973 (obit.).
Hawksworth, D.L., Lichenologst 5: 345-348. 1973 (obit., bibl., portr.).
Hawksworth, D.L. & M.R.D. Seaward, Lichenology Brit. Isl 31, 32, 153, 199. 1977.
Jones, E.W., J. Bryol. 7: 465-468. 1973 (obit., portr., list publ.).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 248. 1984.
Laundon, J.R., Lichenologist 11: 17. 1979 (herb. LSR).
Wade, A.E., Watsonia 10(1): 114. 1974 (obit.).

Soyaux, Hermann (1852-?), German (Silesian) gardener and traveller; in Western tropical Africa (Loango-Expedition) 1873-1876 for the Deutsche afrikanische Gesellschaft; in charge of coffee plantations in Gabon 1879-1885, later in charge of the Berlin office of the German Kolonialverein; in Brazil in charge of the settlement of Bom Retiro 1888; co-founder of the Centro economico of Rio Grande do Sul 1904-? (*Soyaux*).

HERBARIUM and TYPES: B (mainly destr.), GOET (Gabon 1880-1881); further material in A, CAL, COI, CORD, E, G, K (Loango 1875-1882), KIEL, LE, M, P (273 nos.), W, WRSL, Z. – For itinerary and treatment of the Gabon plants see Bull. Soc. bot. France 29: 192-193. 1882, and Bot. Jahrb. 14: 280-282. 1892.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 306; IH 1 (ed. 6): 364, (ed. 7): 343; Morren ed. 10, p. 113 (in Gabon); Rehder 1: 491; Tucker 1: 661; Urban-Berl. p. 163, 261, 282, 291, 314, 399.

BIOFILE: Ascherson, P., Verh. Bot. Ver. Prov. Brandenburg 22: xviii-xix, 84-87. 1880 (on plants collected in Gabon).
Degener, H.A.L., Wer ist's ed. 4: 1344. 1909.
Embacher, F., Lex. Reisen 274. 1882.

Gossweiler, J., Bol. Soc. Broter. 13: 303-304. 1839 (on Angolan coll.).
Gürcke, M., Bot. Jahrb. 14: 280-282. 1891 (lists publications on his collections).
Leeuwenberg, A.J.M., Webbia 19(2): 863. 1965 (lists herbaria holding isotypes).
Soyaux, H., Z. Ges. Erdk. Berlin 10(1): 62-70 (Vegetations-Skizzen von der Loango-Küste).
Vallot, J., Bull. Soc. bot. France 29: 192. 1882 (itin. 1873-1876).
Wagenitz, G., Ind. coll. princ. herb. Gott. 159. 1982.

EPONYMY: *Soyauxia* D. Oliver (1882).

12.494. *Aus West-Afrika* 1873-1876. Erlebnisse und Beobachtungen ... Leipzig (F.A. Brockhaus) 1879-1880, 2 vols. Oct. (*West-Afrika*).
1: 1879, p. [i]-viii, [ix], [1]-350.
2: 1879, p. [i-v], [1]-229, [230, err.], 1 map.
Copies: HH, H-UB, NSUB. – Preceded by *Der verlorene Weltteil* 1879, and followed by *Deutsche Arbeit in Afrika* 1888.

Soyer-Willemet, Hubert Félix (1791-1867), French librarian, pharmacist and botanist at Nancy; pharm. exam. Nancy 1811; in charge of the pharmacy of his grandfather P.R. Willemet 1811-1824; from 1824 head-librarian of the public library of Nancy, head of the municipal natural history cabinet and archivist of the Société royale des Sciences, Lettres et Arts, Nancy; Légion d'Honneur 1847; collaborator of D.A. Godron. (*Soyer-Will.*).

HERBARIUM and TYPES: NCY. – Some further material at FI, G-DC. – The herbarium at NCY also holds the herbaria of S.'s grandfather Rémi Willemet (1735-1807) and of his uncle Pierre Rémi François de Paule Willemet (1762-1790). – *659 letters* to J.B. Mougeot in Bibl. centr., Mus. Hist. nat. Paris. – Other letters at G.

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BIOFILE: Anon., Bonplandia 1: 241. 1853 (works on Hieracium); Bot. Zeit. 25: 56. 1867 (obit. not.), 26: 240. 1868 (library for sale); Cat. gén. livr. impr. Bibl. natl. 176: 147-149. 1949; Österr. bot. Z. 17: 129. 1867 (d.).
Candolle, Alph. de, Phytographie 452. 1880 (herb. at NCY).
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Laissus, Y., 103. Congr. natl. Soc. sav. Nancy 5: 238. 1978 (letters to Mougeot).
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Werner, K.G., Bull. Acad. Soc. Lorrain, Sci. 6(2): 116. 1966 (curr. vitae).

HANDWRITING: Candollea 33: 399-400. 1978.

EPONYMY: *Soyeria* A. Monnier (1829); *Willemetia* Ad. Brongniart (1827). – Other *Willemetia's* are dedicated either to his uncle P.R.F. de P. Willemet (1762-1790), or his grandfather P.R. Willemet (1735-1807).

12.495. *Mémoire sur le nectaire*, qui a obtenu en 1825 la mention honorable au concours ouvert par la Société linnéenne de Paris, ... Paris (Decourchant et Gallay, ...) 1826. Oct. (*Mém. nect.*).
Publ.: 1826, p. [1]-56, [1, err.]. *Copies*: G, MO. – Reprinted or preprinted from Mém. Soc. Linn. Paris 5: 1-52. 1827 (1826?). Abstract in Trav. Soc. Sci. Nancy 1824-1828: 63-66 (n.v.).

12.496. *Observations sur quelques plantes de France*, suivies du Catalogue des plantes vasculaires des environs de Nancy; ... Nancy (de l'imprimerie de C.-J. Hissette, ...) Décembre 1828. Oct. (in fours). (*Observ. pl. France*).

Publ.: Dec 1828 (t.p.), p. [1]-195. *Copies*: B, HH, NY, USDA. – Catalogue on p. 135-191; for follow up publications by other authors see BL 2: 181.

12.497. *Essai monographique sur les Valerianella de France* [Nancy (de l'Imprimerie de C.-J. Hissette) 1833]. Oct.
Publ.: prob. 1833 (rev. Guillemin, Arch. Bot. 2: 16. 12 Aug 1833), original publication in Précis des Travaux de la Société royale des Sciences, Lettres et Arts de Nancy 1829-1832, p. 67-73, 288. – Also published in Extrait du précis des Travaux ... Nancy, p. 2-7, [8], *1 pl. Copies*: G, NY, U (reprint from journal publ.).

12.498. *Euphrasia officinalis* et espèces voisines Erica vagans et multiflora. Observations de botanique ... Nancy (Imprimerie de Ve Hissette, ...) 1835. Oct.
Publ.: 1835, p. [1]-19. *Copies*: BR, FI, G, HH, MO, NY, U. – Reprinted and to be cited from Mém. Soc. r. Sci. Lettr. Arts Nancy 1833-34: 23-39. 1835.

12.499. *Gnaphalium neglectum*, nouvelle espèce du groupe des Filaginées, avec des observations sur les autres espèces françaises de ce groupe ... Nancy (Imprimerie de Ve Hisette, ...) 1836. Oct.
Publ.: 1836 (Inst. de France rd 30 Oct 1836), p. [1]-11, *1 pl.* (uncol. auct.). *Copies*: BR, FI, G(2), HH, MO, NY, PH, U. – Reprinted and to be cited from Mém. Soc. r. Sci. Lettr. Arts Nancy 1835: 46-54. 1836.

12.500. *Sur le Cerastium manticum* et quelques espèces de ce genre. Erodium chium et laciniatum, plantes nouvelles pour la flore française, avec des notes sur quelques espèces de ce genre ... Nancy (Grimblot, Thomas et Raybois, ...) 1839. Oct. (*Cerastium manticum*).
Publ.: 1839, p. [i-ii], [1]-24. *Copies*: BR, FI, G, HH, MO, NY, U. – Reprinted or preprinted from Mém. Soc. r. Sci. Lettr. Arts Nancy 1838: 42-58, [Erodium:] 59-65. 1839 (Erodium in reprint on p. 16-24).

12.501. *Revue des trèfles de la section Chronosemium*, ... Nancy (Grimblot et veuve Raybois, ...) 1847. Oct. (*Rev. trèfles*).
Co-author: Dominique Alexandre Godron (1807-1880).
Publ.: 1847 (Flora rd Apr-Mai 1847), p. [1]-35, [1, err.]. *Copies*: BR, G(2), HH, M, NY, PH. – Reprinted or preprinted from Mém. Soc. r. Sci. Lettr. Arts Nancy 1846: 195-225, 316-318. 1847. – For *Nouvelles observations* see below.
Errata sheet: 1848, p. [1]. *Copy*: G (third copy). – See Flora 31: 528. 28 Aug 1848.
Ref.: Anon., Flora 30: 325-328. 1847.
Schlechtendal, D.F.L. von, Bot. Zeit. 5: 633-634. 3 Sep 1847 (rev.).

12.502. *Monographie des Silene de l'Algérie*, ... Nancy (Grimblot et veuve Raybois, ... 1851. Oct. (*Monogr. Silene Algérie*).
Co-author: Dominique Alexandre Godron (1807-1880).
Publ.: 1851 (Bot. Zeit. 5 Dec 1851 (rev.), Flora rd Jun-Jul 1851), p. [1]-51. *Copies*: B-S, BR, G, HH, MO, USDA. – Reprinted or preprinted from Mém. Soc. Sci. Lettr. Arts Nancy 1850: 139-184. 1850. – Also in Congr. Sci. France 17: 365-398. 1850 (n.v.).
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 9: 866-868. 5 Dec 1851 (rev.).

12.503. *Nouvelles observations sur les trèfles de la section Chronosemium*, ... Nancy (Grimblot et veuve Raybois, ...) 1852. Oct.
Publ.: 1852 (Flora rd Dec 1852), p. [1]-8. *Copies*: BR, G(2), HH, NY. – Reprinted or preprinted from Mém. Soc. Lettr. Arts 1852: 124-130. 1852.
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 11: 732-733. 14 Oct 1853 (rev.).

Spach, Édouard (1801-1879), French (Alsatian) botanist; studied natural sciences at Strasbourg; to Paris 1824; "aide naturaliste" at the Paris Muséum d'Histoire naturelle 1829; curator for botany ib. 1854. (*Spach*).

HERBARIUM and TYPES: P (rd 1879; contains some of his types and plants grown in the Paris botanical garden; in all 1800 specimens, now incorporated in the general herbarium). – Material in other herbaria attributed to Spach consists mostly of duplicates

from the Paris collections. Spach worked also in the Webb herbarium (now at FI) which therefore contains several of his types. The Webb herbarium also contains some specimens from Strassbourg, presumably collected by Spach.

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BIOFILE: Anon., Bonplandia 6(2): 53. 1858 (cognomen Leopoldina: Blair); Bot. Not. 1880: 28 (d.); Bot. Zeit. 37: 404. 1879 (obit. not.); Bull. Soc. bot. France 26 (bibl.): 89-90. 1879 (d.); Flora 62: 272. 1879 (d.); J. Bot. 17: 224. 1879 (obit. not.); Nat. Nov. 1: 135. 1879 (d.); Österr. bot. Z. 29: 239. 1879 (d.).
Bonnet, E., Le Naturaliste 1(5): 38-39. 1 Jun 1879 (obit.).
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Gray, J.L., Letters A. Gray 23, 165, 176, 332, 418. 1893.
Kanitz, A., Magy. Növén. 3: 95. 1879 (obit.).
Kirschleger, F., Fl. Alsace 2: lxxiii. 1857 (Alsatian botanical activities).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 688. 1985.
Steinberg, C.H., Monogr. Biol. Canar. 4: 31. 1973 (on Spach types in FI-W); Webbia 32(1): 38. 1977 (some Strassbourg plants in FI-W).
Wittrock, V.B., Acta Horti Berg. 3(3): 115, *pl. 143*. 1905.

COMPOSITE WORKS: (1) Collaborator, C. d'Orbigny, ed., *Dict. univ. Hist. nat.* 1839-1849, 16 vols., TL-2/7096.
(2) With H.F. Jaubert, *Ill. pl. orient.* 1842-1857, 5 vols. See TL-2/3303.
(3) Contributed to J.L.A. Loiseleur-Deslongchamps, *Herb. gén. amat. ser. 2* 1839-1841, see TL-2/4962.
(4) With R.L. Desfontaines, *Additamentum, Cat. pl. hort. paris.* 417-484. 1832, see TL-2/1394 (ed. 3).

HANDWRITING: Monogr. Biol. Canar. 4: 31. 1937 (fig. 8); Webbia 32(1): 15. 1977; Candollea 33: 401-402. 1978.

EPONYMY: *Spachea* A.H.L. Jussieu (1838); *Spachelodes* Kimura (1935); *Note*: the etymology of *Spachia* Lilja (1840) could not be determined.

12.504. *Histoire naturelle des végétaux.* Phanérogames ... Paris (Librairie encyclopédique de Roret, ...) 1834-1838, 14 vols., atlas. Oct. (*Hist. nat. vég.*).
Publ.: 1834-1848, each volume of text published as a whole, the atlas published in parts. We cite the plates below together with the volumes of text with which they were issued.
1: 8 Mar 1834, p. [i]-viii, [1]-490, *pl. 1-10.*
2: 12 Jul 1834, p. [i-iii], [1]-540, *pl. 11-20.*
3: 27 Sep 1834, p. [i-iii], [1]-519, *pl. 21-40.*
4: 11 Apr 1835, p. [i-iii], [1]-446, *pl. 41-60.*
5: 27 Jun 1836, p. [i-iii], [1]-524, *pl. 61-80.*
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10: 20 Mar 1841, p [i-iii], [1]-572.
11: 25 Dec 1841 (t.p. 1842), p. [i-iii], p. [1]-444.
12: 27 Jun 1846, p. [i-iii], [1]-458, *pl. 141-152.*
13: 27 Jun 1846, p. [i-iii], [1]-444.
14: 11 Dec 1847, p. [i-iii], [1]-432.
Atlas: 1834-1847, p. [1]-71, [*pl. 1-152*, as mentioned above].
Copies: B, BR, G, H-UB, HH, MO, NY, PH, U, USDA; IDC 5576.

Covers: "*Suites à Buffon*, formant, avec les oeuvres de cet auteur, un cours complet d'histoire naturelle. Collection accompagnée de planches", (from vol. 6 onward "Nouvelles suites à Buffon, ..."; Atlas volume, cover: Collection des suites à Buffon, ...).
Plates: coloured steel engravings after drawings by J. Decaisne and Madame Françoise Spach-Legendre (d. 2 Dec 1861, see Bot. Zeit. 20: 8. 1862).

12.505 *Generum et specierum Hippocastanearum revisio* ... Extrait des Annales des Sciences naturelles [ser. 2] tome ii [1834]. Oct.
Publ.: Jul 1834 (in journal), p. [1]-15. *Copies*: G, HH, MO, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 2: 50-64. Jul 1834.

12.506. *Revisio generis Acerum* ... Extrait des Annales des Sciences naturelles [ser. 2, vol. 2] ... 1834. Oct.
Publ.: Sep 1834 (in journal), p. [1]-21. *Copies*: HH, MO. – Reprinted and to be cited from Ann. Sci. nat. Bot. ser. 2. 2: 160-180. Sep 1834.

12.507. *Revisio generis Tiliarum*, ... Extrait des Annales des Sciences naturelles [ser. 2, vol. 2] ... 1834. Oct.
Publ.: Dec 1834 (in journal), p. [1]-16, *pl. 15* (uncol. liths. Mlle Legendre). *Copies*: G, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 2: 331-347. Dec 1834. See also Ann. nat. Hist. 9: 475-481. 1842.

12.508. *Revisio Grossulariearum*, ... Extrait des Annales des Sciences naturelles [ser. 2, vol. 4] ... 1835. Oct.
Publ.: Jul 1835 (in journal), p. [1]-16, *pl. 1* (col. lith. Mlle Legendre). *Copies*: G, HH, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 4: 16-31. Jul 1835.

12.509. *Synopsis Monographiae Onagrearum*, ... Extrait des Annales des Sciences naturelles [ser. 2. vol. 4] ... 1835. Oct.
Publ.: Sep 1835 (in journal), p. [1]-18. *Copies*: B, G, HH, MICH, MO. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 4: 161-178. Sep 1835.

10.510. *Monographia Onagrearum* ... [ex Nouv. Ann. Mus. Hist. nat. Paris 4, 1835]. Qu.
Publ.: Apr 1836 (journal issue publ. Apr 1836; Geol. Soc. London rd 24 Mai 1836), p. [1]-87, [88], *pl. 30-31* (uncol., F. Legendre). *Copies*: HH, NY. – Reprinted and to be cited from Nouv. Ann. Mus. Hist. nat., Paris 4(4): 320-407, [408], *pl. 30-31*. Apr 1836 (see C.D. Sherborn, Ann. Mag. nat. Hist. ser. 8: 368. 1914).

12.511. *Onagrearum novarum vel minus notarum descriptiones* ... Extrait des Annales des Sciences naturelles [ser. 2, vol. 4] ... 1835. Oct.
Publ.: Nov 1835 (in journal), p. [1]-19. *Copies*: G, HH, MICH, MO. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 4: 270-288. Nov 1835.

12.512. *Hypericacearum monographiae fragmenta*, ... Extrait des Annales des Sciences naturelles [ser. 2, vol. 5] ... 1835. Oct.
Publ.: Mar 1836 (in journal), p. [1]-20, *pl. 4-5* (uncol.). *Copies*: B, G, HH, MO, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot., ser. 2. 5: 157-176. Mar 1836.

12.513. *Conspectus monographiae Hypericacearum* ... Extrait des Annales des Sciences naturelles [ser. 2. vol. 5] ... 1836. Oct.
Publ.: Jun 1836 (in journal), p. [1]-21, *pl. 6* (uncol., Mlle Legendre). *Copies*: B, G, HH, MICH, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 5: 349-369, *pl. 6*. Jun 1836.

12.514. *Organographie des Cistacées* ... Extrait des Annales des Sciences naturelles (Novembre 1837) [i.e. Nov 1836]. Oct.
Publ.: Nov 1836 (in journal), p. [1]-16, *pl. 16-17* (uncol., F. Legendre). *Copies*: HH, MICH, MO, NY. – Reprinted and to be cited from Ann. Sci. nat. Bot. ser. 2. 6: 257-272. Nov 1836; reprint dated erroneously "Novembre 1837".

12.515. *Conspectus monographiae Cistacearum* ... Extrait des Annales des Sciences naturelles [ser. 2. vol. 6] ... 1836. Oct.
Publ.: Dec 1836 (in journal), p. [1]-19. *Copies*: G, HH, MICH, NY. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 6: 357-375. Dec 1836. – See also his *Organographie des Cistacées* Ann. Sci. nat., Bot. ser. 2. 6: 257-272. Nov 1836, and *Description of some new Cistaceae*, see below.

12.516. *Description of some new Cistaceae*, chiefly found by Mr. Drummond, in the southernmost regions of North America. [Comp. Bot. mag. 2, 1837]. Oct.
Publ.: 1 Apr and 1 Mai 1837 (in journal), p. [1]-12. *Copies*: G, HH, MO, NY. – Reprinted and to be cited from W.J. Hooker, Comp. Bot. Mag. 2: 282-288. 1 Apr, 289-293. 1 Mai 1837.

12.517. *Monographia generis Amygdalus* ... Extrait des Annales des Sciences naturelles (Février 1843). Oct.
Publ.: Feb 1843, p. [1]-23, *1 pl. Copies*: HH, MO. – Reprinted and to be cited from Ann. Sci. nat., Bot. ser. 2. 19: 106-128, *pl. 16.* 1843.

Spadoni, Paolo (1764-1826), Italian botanist; professor of natural history and botany at the University of Macerata. (*Spadoni*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 306 (b. 10 Dec 1764, d. 16 Sep 1826); BM 5: 1983, 8: 1227; Dryander 3: 406; PR 8806-8808, ed. 1: 9776-9778; Rehder 5: 814; Saccardo 1: 156, cron. p. xxxiii; SO 831b; TR 1344; Tucker 1: 662.

BIOFILE: Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 966. 1863.

12.518. *Nuóva spécie di Lino* originario di Siberia per la prima volta nomenclato e descritto ... Macerata (presso Bartolommeo Capitani) 1808. (*Nuov. sp. Lino*).
Publ.: 1808, p. [1]-22. *Copy*: M.

12.519. *Esposizione* delle venti quattro classi del *sistema sessuale* di Linneo e degli ordini sotto di esse compresi ad uso degli alumni di botanica. Fabriano (presso Giovanni Crocetti ...) 1826. Oct. (*Espos. sist. sess.*).
Publ.: 1826, p. [1]-55, [1-2], *1 pl. Copies*: HU; Kansas State Univ. Libr., Manhattan (inf. T.M. Barkley).

12.520. *Xilologia picena* applicata alle arti ... Macerata (presso Antonio Cortesi ...) 1826-1828, 3 vols. Oct. (*Xilolog. picena*).
1: 1826, p. [i-iii], 1-317, *pl. 1-2* (uncol.).
2: 1827, p. [1]-288.
3: 1828, p. [1]-275, [276].
Copies: B-S, HH.

Spae, Dieudonné (1819-1858), Belgian horticulturist; assistant secretary of the Société royale d'agriculture et de botanique at Gent. (*Spae*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 306 (b. 27 Sep 1819, d. 28 Oct 1858); BM 5: 1984; CSP 5: 767; Herder p. 73, 283; Hortus 3: 1204 (d. "1879?"); Jackson p. 135; MW p. 463; Rehder 5: 814-815; Zander ed. 10, p. 719, ed. 11, p. 821 (d. 1879).

BIOFILE: Anon., Bibl. natl. Dict. écriv. belg. 3: 462. 1897; Bot. Zeit. 17: 8. 1859 (d.); Illustr. hortic. 5: 90. Nov 1858 (d.); Österr. bot. Z. 9: 63. 1859 ("vor Kurzem gestorben").
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12.521. *Note sur le Lilium brownii* Hortul. (Lis de Brown) ... [Ann. Soc. r. Agr. Bot. Gand 1, 1845]. Qu.
Publ.: 1845, p. [1]-4. *1 col. pl. Copy*: FI. – Reprinted and to be cited from Ann. Soc. r. Agr. Bot. Gand 1: 437-438, *pl. 41*. 1845.

12.522. *Mémoire sur les espèces du genre Lis*, ... Gand [Gent] (Imprimerie et lithographie de F. et E. Gyselinck, ...) 1847. Qu.
Publ.: 1847, p. [1]-46. *Copies*: FI, HH, MO. – Reprinted and to be cited from Mém. couron. Sav. étrang. Acad. r. Belgique 19(5): 1-46. 1847. – See also Bull. Acad. r. Sci. Beaux-Arts Belgique 12(2): 134-141. 1845.
Ref.: Martens, Kickx & Morren, Bull. Acad. r. Sci. Bruxelles 12(8): 134-141. 1845 (pre-publication review of mss.).

Spaendonck, Gerrit van (1746-1822), Dutch botanical artist who worked at the Muséum d'Histoire naturelle, Paris; teacher of P.J. Redouté. (*Spaendonck*).

ORIGINAL DRAWINGS: at Paris in the collection des vélins du Muséum national d'Histoire Naturelle, Bibliothèque Centrale; 70 water-colour drawings of the "Fleurs dessinées d'après nature" at BM. This set is not the original of the 1801 publication, but of a posthumous publication of circa 100 plates by A. Brienne, 1826/1829, cf. DU 316.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 425 (d. 11 Mai 1822); Blunt p. 303 [index]; BM 5: 1984, 8: 1227; DU 314-316; GR p. 77; JW 4: 458; Lasègue p. 267; NI 1879-1880, 1880n; PR 8809-8810, ed. 1: 9779; Rehder 1: 266, 267; TL-1/1252; TL-2/see P.J. Redouté.

BIOFILE: Boven, M. van en Sam Segal, Gerard en Cornelis van Spaendonck. Twee Brabantsche bloemenschilders in Parijs. Maarssen (Gary Swartz) 1981, 222 p.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 73.1, 229.432. 1980.
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Wright, R., Gardener's tribute 161, 162, 163. s.d.

EPONYMY: *Spaendoncea* R.L. Desfontaines (1796).

12.523. *Fleurs dessinées d'après nature* ... Paris (chez l'auteur et Bance) [1801]. Fol. (*Fl. dess. après nat.*).
Publ.: 1801, in six parts of 4 plates each (stipple engravings, partly colour-printed, partly finished by hand (n.v.). BM(NH) has parts 1-4, *16 pl.*; P (Bibl. natl.) and W have complete copies *24 pl.*).
German issue see DU 316, "*Des fleurs d'après la nature par Spaendonck gemahlt* [*sic*], lithographs by G. Engelmann dated 1826-1829, ca. 100 pl (n.v.). See also *Souvenirs de van Spaendonck*, Paris 1826, 19 liths. by G. Engelmann, coloured by hand (DU 315, Sotheby 715).
Facsimile ed.: 1957, *Flowers drawn from nature* reproduced from the 1800 folio *Fleurs dessinées d'après nature* edited by Wilfrid Blunt [with introduction , q.v.], Sharpthorne, Sussex (The Leslie Urquhart Press). *Copies*: FAS, MO, NY; IDC 5745. – 16 plates.

Spalding, Volney Morgan (1849-1918), American botanist; B.A. Univ. Mich. 1873; principal of high schools at Battle Creek and Flint, Mich. 1873-1876; instructor in zoology and botany, Univ. Michigan 1876-1879, asst. professor 1879-1881, acting professor 1881-1886, full professor of botany 1886-1904; Dr. phil. Leipzig 1904; with the Desert botanical laboratory of the Carnegie Institution of Washington at Tucson, Ariz. 1905-1909; in retirement because of ill health at Loma Linda, Calif. 1909-1918; from 1896 married with Effie Almira Southworth. (*Spalding*).

HERBARIUM and TYPES: MICH; other material at ARIZ, GH, PH, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 307 (b. 29 Jan 1849, d. 12 Nov 1918); BL 1: 189, 319; BM 8: 1228; Bossert p. 377; DAB 17: 427-428 (W.R. Maxon); De Toni 4: liv; Ewan ed. 1: 311, ed. 2: 207-208; Langman p. 713; Lenley p. 380; LS 25515, 39403; Morren ed. 2, p. 124; Rehder 5: 815; TL-2/2231; Tucker 1: 662, 3: 290.

BIOFILE: Anon., Natl. cycl. Amer. biogr. 10: 56. 1900; Anon., Nat. Nov. 26: 599. 1904 (retires from professorship at Ann Arbor); Science ser. 2. 48: 543-544. 1918 (d.); Who's who Amer. 1-12, 1899-1923; Who was who Amer. 1: 1159. 1968.
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Publ.: 1893, p. [i]-xxiii, 1-246. *Copies*: HH, NY.
Re-issue 1894: 1894 (Bot. Zeit. 16 Jul 1894), p. [i]-xxiii, 1-246. *Copy*: USDA.
Other ed. 1895: 1895 (NY copy rd by L.M. Underwood), 31 Mar 1895; Bot. Gaz. Mai 1895), p. [i]-xxiii, 1-294. *Copies*: HH, NY.
Re-issue 1896: 1896, p. [i]-xxiii, 1-294. *Copy*: USDA.

12.525. *The White Pine.* (Pinus Strobus Linnaeus). By V.M. Spalding, ... revised and enlarged by B.E. Fernow, ... Washington (Government Printing Office) 1899. Oct. (*White Pine*).
Authorship: the first draft by Spalding was not published; the manuscript was revised and edited by the forester Bernhard Eduard Fernow (1851-1923) with contributions by the entomologist F.H. Chittenden and the wood anatomist Filibert Roth (1858-1925).
Publ.: 1899 (p. [3]: 15 Mar 1898, frontisp., p. [1]-185, *pl. 1-13* (uncol.). *Copies*: HH, LC, MO, NY. – Issued as Bull. no. 22. U.S. Dept. Agr., Div. Forestry.
Revised ed. 1902, p. [1]-185, *pl. 1-14*, revised and enlarged by B.E. Fernow (n.v.).

12.526. *Distribution and movements of desert plants* ... Washington, D.C. (published by the Carnegie Institution of Washington) 1909. Oct. (*Distr. movem. desert pl.*).
Publ.: 22 Oct 1909 (stamp on p. [ii] of several copies; Bot. Zeit. 1 Mar 1910; Nat. Nov. Aug(2) 1910), p. [i]-v, 1-144, *pl. 31* (photos, maps, charts). *Copies*: B, BR, HH, MO, NY, USDA.
Ref.: Taylor, N., Torreya 10(3): 66-67. 31 Mar 1910 (rev.).

Spallanzani, Lazaro (1729-1799), Italian philosopher and experimental natural scientist; professor of logic and metaphysics at the University of Reggio; from 1760-1769 professor of natural history of Modena, subsequently at Pavia; travelled in Switzerland and the Mediterranean area. (*Spallanzani*).

HERBARIUM and TYPES: SPAL (715). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 426; Ainsworth p. 5, 18-20, 165, 312; Barnhart 3: 307 (b. 12 Jan 1729, d. 11 Feb 1799); BM 5: 1986-1987, 8: 1228; Bossert p. 377; CSP 5: 767; Dawson p. 777; De Toni 1: cxviii; Dryander 3: 358, 394; DSB 12: 553-567 (C.E. Dolman; extensive list of ser. ref.); Herder p. 122; IH 1 (ed. 2): 103, (ed. 3): 131, (ed. 6): 364, (ed. 7): 237, 343; LS 25516; PR 8811-8813, ed. 1: 9780-9782; Quenstedt p. 407; Ratzeburg p. 471-474; Rehder 1: 199; Saccardo 1: 156, 2: 103; SIA 7230; Tucker 1: 662.

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NOTE: See C.E. Dolman, DSB 12: 553-567, for a recent review of the literature on Spallanzani. – The major bibliography is Prandi (1951).

EPONYMY: *Spallanzania* A.P. de Candolle (1830); *Spallanzania* Pollini (1816).

Spalowsky, Joachim Johann Nepomuk (1752-1797), Austrian physician, zoologist and botanist; physician of the Bürger-Regiment" in Vienna. (*Spalowsky*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1987; Dryander 3: 466; HU 652; PR 8814 (b. 17 Mai 1797); WU 36: 56.

12.527. Joachim Spalowsky austriaci vindobonensis ex Aureo monte *dissertatio inauguralis medica de Cicuta*, Flammula jovis, Aconito, Pulsatilla, Gratiola, Dictamno, Stramonio, Hyoscyamo, et Colchico ... Vindobonae [Wien] (typis Joan. Thom. nob. de Trattern, ...) 1777. Oct. (*Diss. Cicuta*).
Publ.: 1777, p. [1]-42 [wanting 37-40], *9 pl. Copy*: HU. – See HU 652 for further details.

Spamer, Albert (*fl.* 1887), German diatomologist; high school teacher at Düren (Rheinpreussen). (*Spamer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: De Toni 2: cx; Herder p. 382; Rehder 1: 232.

12.528. Jahresbericht des evangel. Realprogymnasiums in Düren über das Schuljahr von Ostern 1887-1888, zugleich Einladungsschrift zu der Gedächtnisfeier für Se. Majestät den Kaiser Wilhelm Donnerstag, den 22. März 1888. Inhalt: 1. *Die Diatomaceen von Düren* und Umgegend. Von Dr. Albert Spamer [p. 1-21], 2. Schulnachrichten ... [22-34]. Düren (Druck von M. Becker) 1888. Düren, Progr. 462. Qu. (*Diat. Düren*).
Publ.: Mar 1888, p. [1]-34 (paper Spamer p. [1]-21). *Copy*: G.

Spanoghe, Johan Baptist (1798-1838), Dutch civil servant of Belgian parentage in the East Indies 1816-1837; collected plants (in part with C.L. Blume) on Java and Timor, resided in Timor 1831-1836. (*Spanoghe*).

HERBARIUM and TYPES: L; further material at K (bryo. 1834-1836; now BM).

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 540; Barnhart 3: 307; BL 1: 107, 319; CSP 5: 768; JW 3: 369-370; Lasègue p. 328, 494, 506; Rehder 1: 465; SK 1: xxxii, 495-496 (d. 22 Apr 1838), 4: cvi, cxvii, cxlviii; Zander ed. 10, p. 719, ed. 11, p. 821.

BIOFILE: Spanoghe, J.B., Alg. Konst-Letterbode 1: 356-362. 1832 (letter to C.L. Blume from Koepang, see JW 3: 369-370).
Stafleu, F.A., Regnum vegetabile 71: 328-329, 339 (Miquel obtains Spanoghe drawings on loan from Schlechtendal).
Steenis-Krusemann, M.J. van, Blumea 25: 37. 1979 (coll. L), see also p. 61.
Wit, H.C.D. de, Chron. Nat., Batavia 104: 206-209. 1948 (biogr. account, born 22 Aug 1798, d. 22 Apr or 20 Mai 1838; notes on his *Prodr. fl. timor.*).

EPONYMY: *Spanoghea* Blume (1849).

12.529. *Prodromus florae timorensis* ... [Linnaea, vol. 15, 1841-1842]. Oct.
Publ.: in Linnaea 15: 161-208. Mar-Dec 1841, 314-750, Jun-Dec 1841, 476-480. Aug 1841-Jan 1842.
Preliminary publ.: (1) *Extract of a letter* from M. Spanoghe, the dutch resident at Coupang relating to the natural history of the Island of Timor; with some account of the Upas tree, discovered there by that Gentleman, *in* W.J. Hooker, Comp. Bot. Mag. 1: 308-317. 1835, and (2) *Catalogue of the plants found on Timor* and the neighbouring islands, in id. 1: 344-351. 1835.

Sparrman, Anders (1748-1820), Swedish botanist, physician and traveller; studied at Uppsala with, e.g., C. Linnaeus; Dr. med. h.c. Uppsala 1775; titular professor Uppsala 1781; curator of the natural history cabinet of the Swedish Academy of Sciences 1780-1797; lectured at the college of medicine of Stockholm 1790-1803, assessor 1803-1820; naval physician on a trip to the East Indies and China under C.G. Ekeberg 1765-1767; with Cook on his second voyage 1772-1775, at the Cape in 1772 and 1775-1776; on the African west coast and the Cape Verde Islands 1787-1788. (*Sparrm.*).

HERBARIUM and TYPES: S (via the Sw. Acad. Sci.); other material at H, LD, LE, LINN, SBT, UPS. – For zoological collections see Löwegren (1952) and SO 2631a.

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(2) Contributed to G. Forster, Decas pl. nov., Nova Acta Soc. Sci. Upsala 3: 178, 181-183, 184. 1780.

HANDWRITING: S. Savage, Cat. Linn. herb. 1945, fig. 11; J.S. Afr. Bot. 23(4): 127-137. 1957; see also J.S. Afr. Bot. 23: *pl. 36*. 1957.

EPONYMY: *Sparmannia* Buchoz (1779, *nom. rej.*); *Sparmannia* ["Sparrmannia"] Linnaeus f. (1782, *nom. cons.*).

POSTAGE STAMPS: Sweden 1 kr. (1973) yv. 790.

12.530. *Resa till Goda Hopps-Udden*, södra pol-Kretsen och omkring jordklotet, samt till Hottentott- och Caffer-Landen, Åren 1772-1776 ... Stockholm (tryckt hos Anders J. Nordström [2(1) hos Carl Delén; 2(2): hos Carl Deleen]) 1783-1818, 2 vols. in 3. Oct. (*Resa Goda Hopps-Udden*).

Publ.: 1783-1818. *Copies*: H-UB, HU, LC, NSUB, Sv. Vet.-Akad. Stockholm (used for facsimile).

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2(1): 1802, p. [i-xii], [1]-179, [180], map, sample cloth from Tahiti.

2(2): 1818, p. [i-ii], [1]-234, [235-238], *tab. 1-12*, 4 unnumbered folded pl., sample of cloth from Tonga.

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1: 1785, p. [i]-xxviii, [1]-368, *pl. 1-2*, map.

2: 1785, p. [i]-viii, [1]-350, [351, err.], [352, binder], *pl. 1-7*.

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German translation of vol. 1: 1784, p. [i-xxx], [1]-626, *pl. 1-14*. *Copies*: *HU*, *NSUB*. – *Andreas Sparrmanns* [*sic*], ... *Reise nach dem Vorgebirge der guten Hoffnung*, den südlichen Polarländern und um die Welt, hauptsächlich aber in den Ländern der Hottentotten und Kaffern in den Jahren 1772 bis 1776. Aus dem schwedischen frey übersetzt von Christian Heinrich Groskurd, ... Herausgegeben und mit einer Vorrede begleitet von Georg Forster ... Berlin (bey Haude und Spener) 1784. Oct.

French translation of vol. 1: 1787, 2 vols., *Voyage au Cap de Bonne Espérance*, et autour du monde avec le capitaine Cook, et principalement dans le pays des Hottentots et des Caffres ... traduit par M. Le Tourneur ... à Paris (chez Buisson, ...) 1787, 2 vols. Qu. (*Voy. Cap Bonne Esp.*). *Copies*: G, H-UB, NY, PH.

1: 1787, p. [i*-iii*], [i]-xxi, [xxii-xxiv, privil. 16 Apr 1787], map, [1]-478, *pl. 1-6* (uncol. copp.).

2: 1787, p. [i-iii], [1]-462, *pl. 1-9* (id.).

French translation, octavo ed.: 1787, Paris (chez Buisson). Oct. 3 vols. 1: *Copy*: HH.

1: [i]-xxxii, map, [1]-389, [390, err.], *pl. 1-2*.

2: [i, iii], [1]-366, [367, err.], *pl. 1-7*.

3: [i, iii], [1]-366, [367, err.], [368-371, approb.], *pl. 1-6*.

Dutch transl.: 1787, 2 vols. – *Reize naar de Kaap de Goede Hoop*, de landen van den Zuidpool, en rondom de waereld; doch voornaamlijk in de landen der Hottentotten en Kafferen; in de jaaren 1772 tot 1776 gedaan door Andreas Sparman [sic], ... met eene voorreede en aanteekeningen van den heer George Forster ... Leyden (bij Sam. en Joh. Luchtmans, ...) en te Amsterdam (bij M. de Bruijn) 1782, 2 vols. Oct. *Copy*: PH.

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2: p. [i], [387]-796, [1]-63, [64-65], *pl. 8-14*.

Sparrow, Frederick Kroeber, Jr. (1903-1977), American mycologist, specialist on aquatic phycomycetes; M.A. Harvard 1926; Dr. phil. 1929; instructor in evolution, Dartmouth College 1929; assistant professor of botany Univ. Michigan 1936, associate prof. 1949-1973; acting director (1967) and (from 1968) director of the University of Michigan Biological Station 1969-1973. (*Sparrow*).

HERBARIUM and TYPES: MICH. – Other material at NY.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 236, 237, 266, 331, 334, 335; Barnhart 3: 307 (b. 11 Mai 1903); Biol.-Dokum. 117: 8787-8788; Bossert p. 378; GR p. 247; MW suppl. p. 331; Stevenson p. 1258.

BIOFILE: Anon., Taxon 27(1): 143. 1978 (d. 2 Oct 1977); The New York Times 5 Oct 1977, p. D-19 (obit., not.); Who's who Amer. 26-39, 1950-1977; Who was who Amer. 7: 538. 1977-1981.
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Verdoorn, F., ed., Chron. bot 1: 31, 32, 295. 1935, 2: 31, 337. 1936, 7: 186. 1943.

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NOTE: Outside our period: T.W. Johnson & F.K. Sparrow, *Fungi in oceans and estuaries*, Weinheim 1961, p. [i]-xxii, [xxiii], 1-668, *pl. 1-17*.

12.531. *The Monoblepharidales* [Annals of Botany ... 1933]. Oct.
Publ.: Jul 1933, cover-t.p., p. 517-542, *pl. 20*. *Copies*: G, NY. – Reprinted and to be cited from Ann. Bot. 47: 517-542. *pl. 20*. 1933.

12.532. *Observations on marine phycomycetes* collected in Denmark ... Dansk Botanisk Arkiv 8(6). 1934. Oct.
Publ.: 1934, p. [1]-24, *pl. 1-4* with text. *Copies*: H, U.

12.533. *Aquatic phycomycetes* exclusive of the Saprolegniaceae and Pythium ... Ann Arbor (the University of Michigan Press). London (Humphrey Milford ...) 1943. Oct. (*Aquat. phycomyc.*).
Ed. 1: 1943, p. [i-ii], *pl. 1*, [iii]-xix, 1-785. *Copies*: BR, FH, H, NY, USDA.
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Ref.: Arx, J.A. von, Taxon 10: 95. 1961.
Kohlmeyer, J., Nova Hedwigia 3: 405. 1961.

Spatzier, Johann [Jan] (1806-1883), Austrian-Silesian (Moravian) naturalist and pharmacist at Jägerndorf (Krnov) 1835-1883. (*Spatzier*).

HERBARIUM and TYPES: BRNM, OP and see Klášterský p. 175.

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BIOFILE: Anon., Jahresber. schles. Ges. vaterl. Cultur 1884 (Nekrol.): 20-21; Österr. bot. Z. 12: 401. 1862, 33: 104. 1883 (d.).
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in charge of the botanical section of the Museo de La Plata; from 1912 active as private botanist. (*Speg.*).

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Continuation: see below, 1919, *Observaciones microbiológicas.*

12.572. *Revision de las Laboulbeniales argentinas* ... Buenos Aires (Imprenta de Coni hermanos ...) 1917. Oct.
Publ.: 17 Sep 1917 (date on cover-t.p.), cover-t.p., p. [445]-688. *Copies*: FH, US. – Reprinted or preprinted and to be cited from Anal. Mus. nac. Hist. nat. Buenos Aires 29: 445-688. 1917; signatures dated 3 Sep-17 Sep 1917.

12.573. *Espigando en el herbario* ... Buenos Aires (Imprenta de Coni hermanos ...) 1917. Oct.
Publ.: 1917, p. [1]-18. *Copies*: MO, US. – Reprinted and to be cited from Anal. Soc. ci. argent. 82: 217-232. 1917.

12.574. *Sobre un hongo urugayo nuevo*, "Boletus (Bresadoliopsis montevideensis" Speg. ... Physis ... t. iv ... 1918.
Publ.: 15 Mai 1918 (reprint dated; read at session 19 Jan 1918), p. [1]-6. *Copy*: NY. – Reprinted from Physis 4: 107-112. 1918.

12.575. *Observaciones microbiológicas*. Anforomorfideas argentinas. Chantransiopsideas argentinas. Algunas observaciones y correcciones al opúsculo "segundo contribución al conocimiento de las Laboulbeniales italianas" ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1918. Oct.
Publ.: Mai-Jun 1918 (in journal; p. 15: 10 Dec 1917), p. [1]-15. *Copy*: FH. – Reprinted and to be cited from Anal. Soc. ci. argent. 85(3): 311-323. 1918.

12.576. *Los hongos de Tucumán* ... Buenos Aires (Imprenta y Casa editora "Coni" ...) 1919. Oct.
Publ.: Jan 1919 (date on t.p. reprint), p. [i], [254]-274. *Copy*: FH. – Reprinted and to be cited from Prim. Reun. nac. Soc. argent. ci. nat. Tucuman 1916, p. 254-274. 1919.

12.577. *Reliquiae mycologicae tropicae* et fungi costaricenses nonnulli ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1919. Oct.
Publ.: 1919 (p. 6: 12 Oct 1918), p. [1]-247. *Copies*: B-S, FH, HH, Stevenson. – Reprinted and to be cited from Bol. Acad. nac. Ci. Bogóta 23(3/4): 365-609. 1919.

12.578. *Mycetes chilenses* ... Buenos Aires (Imprenta y Casa editora "Coni") 1921. Oct.
Publ.: 1921, p. [1]-126. *Copies*: B-S, FH, HH. – Reprinted with shifted pagination and to be cited from Bol. Acad. nac. Ci. Córdoba 25: 1-124. 1921 (p. 3 journal: p. 1 reprint).

12.579. *Plantas nuevas o interesantes* ... Buenos Aires (Imprenta y Casa editora "Coni" ...) 1921. Oct.
Publ.: 1921, p. [1]-49. *Copies*: G, MO, NY. – Reprinted and to be cited from Anal. Soc. ci. argent. 92: 77-126. 1921.

12.580. *Descripción de hongos mirmecófilos* ... Buenos Aires (Imprenta y Casa editora "Coni" ...) 1921. Oct. (*Descr. hong. mirmec.*). Oct.
Publ.: 1921 (date on preprint), p. [i], [166]-174. *Copies*: BR, NY. – Preprinted from Revista Mus. La Plata 26: [166]-174. 1922 (date journal publ. fide Farr).

12.581. *Sobre algunas enfermedades y hongos* que afectan las plantas de "agrios" en el Paraguay ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1921. Oct.
Publ.: 1921 (date on reprint t.p.), p. [1]-36. *Copy*: FH. – Reprinted and to be cited from Anal. Soc. ci. argent. 90: 155-188. Jul-Dec 1920 (1921).

12.582. *Una nueva especie argentina del género "Prosopanche"* ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1921. Oct.
Publ.: 1921 (date on reprint t.p.), p. [1]-8, *1 pl. Copy*: B. – Reprinted and to be cited from Anal. Soc. ci. argent. 92: 251-258, *1 pl.* 1921.

12.583. *Fungi paraguayenses* ... La Plata (Taller de Impresiones oficiales) 1922. Oct. (*Fung. parag.*).
Publ.: 11 Mar 1922 (t.p. of preprint so dated; p. 98 of preprint dated 10 Feb 1922; journal issue publ. 1923), p. [1]-98, *pl. 1-23. Copies*: FH, G, HH, Stevenson. – Preprinted from Anal. Mus. nac. Hist. nac. Buenos Aires 31: 335-450. 1923. – Reprint with double pagination.

12.584. *Micromycetes nonnulli brasilienses* ... Buenos Aires (Imprenta y casa editora "Coni" ... 1922). Oct.

Publ.: Mar-Apr 1922 (in journal, possibly published somewhat later), p. [1]-10. *Copy*: FH. – Reprinted and to be cited from Anal. Soc. ci. argent. 93(3/4): 111-118. Mar-Apr 1922.

12.585. Resultados de la primera expedición a Tierra del Fuego (1921) enviada por la Facultad de Ciencias exactas, fisicas y naturales de la Universidad nacional de Buenos Aires. *Cryptogamae nonnullae fueganae* ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1922. Oct.
Publ.: Jul-Aug 1922 (in journal), p. [1]-29. *Copies*: FH, G. – Reprinted and to be cited from Anal. Soc. ci. argent. 94(1/2): 59-85 [fungi p. 64-84]. Jul-Aug 1922.

12.585a. *Observationes relativas a las especies del género "Convolvulus"* de los alrededores de la ciudad de La Plata ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1923. Oct.
Publ.: 13 Apr 1923, cover-t.p., p. [i, recto of 220], [220]-237. *Copy*: NY. – Reprinted and to be cited from Rev. Soc. Arg. ci. nat. 6: 220-237. 1923.

12.586. *Algunos observaciones relativas al suborden de las Mimosoideas* ... Physis ... t. vi ... 1923.
Publ.: 15 Apr 1923 (reprint so dated), p. [1]-7. *Copy*: FH. – Reprinted and to be cited from Physis 6: 308-315. 15 Apr 1923.

12.587. *Acácieas argentinas* ... Buenos Aires (Establicimiento gráfico de Tomás Palumbo ...) 1923. Oct. (*Acac. argent.*).
Publ.: 1923 (p. 5: 12 Oct 1922; preprint so dated), p. [1]-177, 178. *Copies*: HH, MO, NY, U. – Preprinted from Bol. Acad. nac. Ci. Córdoba 26(2-4): 161-334. 1924.

12.588. *Algunos honguitos portoriqueños* ... Buenos Aires (Establecimiento grafico de T. Palumbo ...) 1923. Oct. (*Algun. hong. portoriq.*).
Publ.: 1923 (preprint t.p. so dated), p. [i], [335]-368. *Copy*: NY. – Preprinted from Bol. Acad. nac. Ci. Córdoba 26(2-4): 335-368. 1924.

12.589. *Algunos hongos de Tierra del Fuego* ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1923. Oct.
Publ.: 21 Sep 1923 (in journal), cover-t.p., p. [1], [7]-23. *Copies*: FH, NY. – Reprinted and to be cited from Physis 7: 7-23. 1923.

12.590. *Breves notas cactológicas* ... Buenos Aires (imprenta casa editoria "Coni" ...) 1923. Oct.
Publ.: 1923, cover-t.p., p. [1]-17. *Copies*: M, US. – Reprinted and to be cited from Anal. Soc. ci. argent. 96: 61-75. 1923.

12.591. *Un nuevo género de Leguminosas* ... Physis ... 1924. Oct.
Publ.: 25 Mar 1924 (reprint so dated), p. [1]-6. *Copy*: HH. – Reprinted and to be cited from Physis 7: 262-267. 1924. – *Ramorinoa* Speg.

12.592. *Revisión de las Meliolas argentinas* ... Buenos Aires (Imprenta y casa editora "'Coni" ...) 1924. Oct.
Publ.: 30 Mai 1924 (date on reprint t.p.), p. [i], [339]-393. *Copies*: BR, FH. – Reprinted and to be cited from Anal. Mus. nac. Hist. nat. Buenos Aires 32: 339-393. 1924.

12.593. *Nuevas notas cactológicas* ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1925. Oct.
Publ.: 1925, cover-t.p., p.[1]-76. *Copy*: US. – Reprinted and to be cited from Anal. Soc. ci. Arg. 99: 85-160. 1925.

12.594. *Observaciones y adiciones a la micología argentina* ... Buenos Aires (Imprenta y casa editora "Coni") 1926. Oct.
Publ.: Jan-Apr 1926 (p. 268: 26 Nov 1925; US rd 22 Jun 1926), p. [i], [267]-406. *Copies*: FH, G, NY. – Reprinted and to be cited from Bol. Acad. nac. Ci. Córdoba 28(3-4): 267-406. 1923.

12.595. *Un nuevo género de Asclepiadáceas* ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1926. Oct.
Publ.: 30 Nov 1926 (in journal), p. [i], 269-274. *Copy*: G. – Reprinted and to be cited from Physis 8: 269-274. 1926 (posthumous).

12.596. *Contribución al conocimiento de la flora micologica de las Sierras de Córdoba* ... Buenos Aires (Imprenta y casa editora "Coni" ...) 1926. Oct.
Publ.: late 1926 (published posthumously; S. died 1 Jul 1926; copy sent to W. Herter by J.F. Molfina "in memoriam" dated 24 Jan 1927), p. [i], [113]-190. *Copy*: G. – Reprinted and to be cited from Bol. Acad. nac. Ci. Córdoba 29: 113-190. 1927.

Speke, John Hanning (1827-1864), British soldier and explorer; entered the Royal Army 1844; in East Africa 1854; in the Crimean War 1855; again in East Africa 1857-1859 with R.F. Burton and 1860-1863 with J.A. Grant. (*Speke*).

HERBARIUM and TYPES: The material collected by J.A. Grant on the Speke and Grant expedition of 1860-1863 is at K.

BIBLIOGRAPHY and BIOGRAPHY: Herder p. 219; DNB 18: 732-735; NI alph.; PR 8816; Rehder 1: 488; TL-2/7057; Tucker 1: 663, 3: 291.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2195-2196. 1878 (bibl.).
Anon., Brit. Mus. gen. cat. print. books 227: 273-274. 1964; Cat. gén. livr. impr. Bibl. natl. 176: 416-417. 1949; Horizon 14: 57-63. 1972.
Baker, J.N.L., Geogr. J. 128(4): 385-388. 1962 (portr., biogr. sketch).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 137-10, 274.23, 274.42. 1980.
Embacher, F., Lexik. Reisen 274. 1882.
Hayward, A.L., Explorers and their discoveries 166-179. 1955.
Hopkins, K., Great moments in exploration 77-89. 1957 (journey source Nile).
Irwin, D., J. East Africa nat. Hist. Soc. 23(4): 172-174. 1959.
Kamm, J., Explorers into Africa 111-129. 1970.
Lambert, R.S., The world's most daring explorers 131-138. 1956.
Maitland, A., Speke, London 1971, 245 p. (portr., biogr.).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1271-1272. 1898.
Seth, R., Milestones in African history 78-86. 1969.
Vallot, J., Bull. Soc. bot. France 29: 193. 1882.

COMPOSITE WORKS: See D. Oliver, *The botany of the Speke and Grant expedition*, 1873-1875, TL-2/7057.

12.597. *Journal of the discovery of the source of the Nile* ... Edinburgh and London (William Blackwood and Sons) 1863. Oct. (*J. discov. source Nile*).
Ed. [*1*]: Dec 1863 (p. [iii]: Dec 1863), portr., p. [i]-xxxi, [1]-658, *18 pl. Copies*: G, NY. – List of plants on p. 625-658: "*List of plants collected by Captain Grant* [James Augustus Grant (1827-1892)] *between Zanzibar and Cairo*. This unique collection ... has been arranged at Kew by Dr Thomson, ... [signed:] J.H. Speke".
New York ed.: 1864, p. [i-iv], portr., [v]-xxx, map, [1]-590, map. *Copy*: PH.
Ed. [*2*]: 1864, frontisp., p. [i]-xxx, map, [31]-590. *Copy*: MO. – List of plants on p. 561-590. Not indicated as a second edition. New York (Harper and Brothers, ...) 1864. – Another second edition, Edinburgh 1864, is mentioned by Tucker.
Ed. 2 (*alt.*): 1864, portr., p. [i]-xxxi, [1]-658, map. *Copy*: HH. – List of plants on p. 625-658.
Facsimile ed. of ed. 1 (*Edinburgh*): 1969, Westport. Conn. (Greenwood), ISBN 0-8371-1431-4.

Spence, Magnus (1853-1919), British schoolmaster and botanist at Orkney. (*Spence*).

HERBARIUM and TYPES: STS; further material at NMW. – See Druce (1927) and Kent and Allen (1984).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 308; BB p. 284; BL 2: 308, 719; BM 8: 1230; Desmond p. 576 (b. 1 Jan 1853, d. 20 Aug 1919); Tucker 2: xxxvi.

BIOFILE: Anon., J. Bot. 57: 293. 1919, 65: 78-79. 1927 (herb.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 205.6. 1980.
Druce, G.C., Bot. Soc. Exch. Cl. Brit. Isl. Rep. 5(5): 626. 1920, 8(1): 206. 1927.
Kent, D.H., Brit. herb. 79. 1957 (herb. STS).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 248. 1984.

12.598. *Flora orcadensis* containing the flowering plants arranged according to the natural orders by Magnus Spence, ... and the mosses by Lieut.-Colonel James Grant, ... Kirkwall (D. Spence, ...) 1914. Oct. (*Fl. orcad.*).
Co-author (for mosses): James Grant (1847-1924), mosses on p. [107]-125 (the dates of birth and death of Grant were supplied by S.W. Greene).
Publ.: 1914 (p. 109: 8 Sep 1913; Bot. Centralbl. 6 Oct 1914; J. Bot. Aug 1914), portr. Spence, p. [i]-xcv, [1]-148, 2 maps, portr. Grant. *Copy*: NY. – See BL 2: 308 for further botanical literature on Orkney.
Ref.: Anon., J. Bot. 52: 220-222. Aug 1914 (rev.).

Spenner, Fridolin Carl Leopold (1798-1841), German (Säckingen, Vorderösterreich, later Baden) botanist; Dr. med. Freiburg i.B. 1829; from 1832-1838 extraordinary, from 1838-1841 ordinary professor of medical botany at the University of Freiburg i.B. (*Spenn.*).

HERBARIUM and TYPES: FB; further material at BR.

BIBLIOGRAPHY and BIOGRAPHY: ADB 35: 122-123 (Jännicke); AG 5(2): 519, 12(3): 289; Backer p. 660; Barnhart 3: 309 (b. 25 Sep 1798, d. 5 Jul 1841); Biol.-Dokum. 17: 8797; BM 5: 1990; CSP 5: 772; DTS 1: 285; Frank 3 (Anh.): 99; Hegi 7: 561; Herder p. 189, 324, 387, 412; Hortus 3: 1204; IF p. 732; LS 25571; NI 1441, alph.; PR 6665, 8817-8819, ed. 1: 7445, 9788-9791; Rehder 5: 816; SO 844f; TL-1/919, 1253; TL-2/6704, see F.F. Chevallier; Tucker 1: 663; Zander ed. 11, p. 821.

BIOFILE: Anon., Flora 15: 575. 1832 (app. Freiburg), 21: 392. 1838 (continues Nees' Genera), 24: 640. 1841 (d.).
Candolle, Alph. de, Phytographie 452. 1880.
Kirschleger, F., Fl. Alsace 2: lxxvii-lxxix. 1857.
Perleb, K.J., Flora 25: 161-172, 175-186. 1842 (obit.).

COMPOSITE WORKS: Author of texts for fasc. 17-21, nos. 321-420, of Th. Nees, *Gen. fl. germ.*, see TL-2/6704 (rev. fasc. 17-19 Flora 23(2) Lit. 8: 117-120. 7 Nov 1840; fasc. 18/19 mentioned as published 28 Apr 1840).

EPONYMY: *Spennera* Martius ex A.P. de Candolle (1828) and the apparent anagram *Nepsera* Naudin (1849) may both honor Spenner but no etymology was given.

NOTE: Spenner's name Fridolin refers to Saint Fridolin, sixth century missionary who founded the city of Säckingen where Spenner was born. At the time of Spenner's birth Säckingen still fell under the sovereignty of Austria, but soon afterwards it became part of Baden.

12.599. *Flora friburgensis* et regionum proxime adjacentium ... Friburgi Brisgoviae (typis Friderici Wagner) 1825-1829. Oct. 3 vols. (*Fl. friburg.*).
1: 1825, p. [i*-vi*], [i]-lxxxviii, [1]-253, *pl. 1-2* (uncol.).
2: 1826, p. [i], [255]-608, [609-610].
3: 1829 (Flora rd Apr-Jun 1829), p. [i*], [i]-xlviii, [xlix-l, expl. pl., li-lii, err.], [611]-1088, [1089-1090 expl. pl.], *1 pl.*, [1-15].
Copies: B-S, BR, G, HH, M, MO(2), NY, US, USDA. – The copies show variation in binding the various components; the sets of unnumbered pages are not always present.

12.600. *Monographia generis Nigellae.* Dissertatio inauguralis botanico-medica quam consensu celleberrimi [sic] medicorum ordinis in alma et perantiqua Universitate Alberto-Ludoviciana Friburgensi pro honore gradus doctoris rite obtinendo, publico judicio submittit Fridolinus Carolus Leopoldus Spenner saeconensis. Friburgi Brisgoviae [Freiburg im Breisgau] (typis Friderici Wagner) 1829. Qu. (*Monogr. Nigell.*).
Publ.: 1829 (p. 6: Apr 1829), p. [1]-12. *Copy*: G.

12.601. *Handbuch der angewandten Botanik* oder praktische Anleitung zur Kenntniss der medizinisch, technisch und ökonomisch gebräuchlichen Gewächse Teutschlands oder der Schweiz ... Mit einer analytischen Bestimmungstabelle für alle Gattungen Teutschlands und der Schweiz ... Freiburg (Universitäts-Buchhandlung und Buchdruckerei der Gebr. Groos) 1834-1836, 3 Abt. Oct. (*Handb. angew. Bot.*).
1: 1-19 Jul 1834 (p. [iv]: 6 Mar 1834; Hinrichs 13-19 Jul 1834), p. [i-iv], [1]-372.
2: 1835, p. [i], [373]-945, [946, err.].
3: 1-16 Mar 1836 (p. xvi: 20 Dec 1835; Hinrichs 13-19 Mar 1836; Regensb. bot. Ges. 14 Sep 1836; Flora 28 Aug 1836), p. [i*], [i]-xx, [1]-325, [326, err.].
Copies: B-G, G(2), H, HH, NY, USDA.
Ref.: Anon., Flora 21(2) Lit. 8: 115-119. 1838; Rep. ges. deut. Lit. 8: 534-536. 1836 (rev.).
[Schlechtendal, D.F.L. von], Linnaea 11: 31-34. 1838 (rev.).

12.602. *Teutschlands phanerogamische Pflanzengattungen* in analytischen Bestimmungstabellen nach dem natürlichen und linneischen Systeme ... Mit einem lateinischen und teutschen terminologischen Wörterbuche. Freiburg (Universitäts-Buchhandlung und Buchdruckerei der Gebr. Groos) 1836. Oct. (*Teutschl. phan. Pfl.-Gatt.*).
Publ.: Oct 1836 (p. x: 29 Mar 1836; Hinrichs 30 Oct-5 Nov 1836), p. [i]-xlii, [xliii], [1]-322, [323, err.]. *Copies*: B, G, HH, NY.

Sperk, Gustav (1845/1846-1870), Russian (Charkow) botanist. (*Sperk*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 4: 1917 (Ghustav Fedorovich Shperk); De Toni 1:cxviii; Jackson p. 133, 327; PR 8821, 10640, 10641; Rehder 1: 118; TR 1346-1348.

BIOFILE: Anon., Bot. Zeit. 29: 269. 1871 (d. Aug 1870 in München at the age of 24); Flora 54: 205. 1871 (d.).
Pitr, A., Vospominaniya o Gh.F. Shperk, *in* Obshch. ispuith. prir. Kharkov, Trud. 3(2), 1871 (n.v., fide BM 4: 1917).

12.603. *Die Lehre von der Gymnospermie im Pflanzenreiche* ... St. Pétersbourg (commissionaires de l'Académie impériale des sciences ...) 1869. Qu. (*Lehre Gymnosp.*).
Publ.: Apr-Mai 1869 (imprimatur p. [ii]: Apr 1869: Flora 10 Sep 1869), p. [i-ii], [1]-91, *pl. 1-7* (uncol. liths. Bjeloussow). *Copies*: B-S, G, NY. – Issued as Mém. Acad. imp. Sci. St.-Pétersbourg ser. 7. 13(6). – On p. 90-91 an *Auszug* aus dem Berichte über das Werk des Herrn Sperk, ... by Ruprecht.

12.604. *Ocherki algologicheskoi flory Chernago Moria* ... Khar'kov (Universitetskoi Typografii) 1869.
Publ.: 1869 (p. [ii*]: 1868), p. [i*-ii*], [i]-v, [vii], [1]-160. *Copy*: B-S.

Sperlich, Adolf (1879-1963), Austrian botanist; Dr. phil. Innsbrück 1902; habil. Univ. Innsbrück 1908; lecturer (Privat-Dozent) 1908-1914; extra-ordinary professor of botany at the University of Innsbrück 1914-1928; ordinary professor 1928- ; director of the botanical garden of the University of Innsbrück from 1928. (*Sperlich*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 309; BFM 2438, 2537; Biol.-Dokum. 17: 8798; BJI 2: 168; Hirsch p. 283.

BIOFILE: Anon., Bot. Centralbl. 108: 512. 1908 (Privatdozent); Hedwigia 48: (90) (habil.), (141): (Privat-Dozent) 1909, 56: (147). 1915 (professorship); Nat. Nov. 30: 592. 1908 (habil. Innsbrück), 36: 194. 1914 (app. Innsbrück); Österr. bot. Z. 77(4): 320. 1928.
Pisek, A., Phyton 8(3-4): 199-204. 1959 (80th birthday; bibl.); Ber. deut. bot. Ges. 76: (170)-(172). 1963 (obit., portr.).

12.605. *Untersuchungen an Blattgelenken* ... I. Reihe ... (Ausgeführt mit Benützung der von Prof. Heinricher von seiner Studienreise nach Java mitgebrachten Materialien) ... Jena (Verlag von Gustav Fischer) 1910. Oct. †. (*Unters. Blattgel.*).
Publ.: 1910 (ÖbZ for Apr 1910; Bot. Zeit. rev. 16 Aug 1910; Nat. Nov. Jun(1) 1910), p. [i-iv], [1]-108, *pl. 1-7*. *Copies*: LD, NSUB, PH, Univ. Illinois.
Ref.: Krause, K., Bot. Jahrb. 45 (Lit.): 51. 1911.

Sperry, Omer Edison (1902-1975), American botanist; Dr. phil. St. Tea Coll., Peru, Nebraska 1934; botanist at St. Tea College 1925-1927; id. at University of Nebraska 1927-1928; high school teacher at Concordia, Kansas 1928-1930; instructor in botany at the University of Nebraska 1930-1935; head department of biology at Sul Ross State College, Alpine, Texas (later Texas A. & M. Univ.) 1935; from 1936-1967 professor at the Range Science Department, Texas A. & M. (*Sperry*).

HERBARIUM and TYPES: Material at GH, MO, NY, US. – Field notes at US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 309 (b. 21 Mar 1902); BL 1: 216, 319; Bossert p. 378; Langman p. 714; PH 209.

BIOFILE: Anon., Amer. men sci. eds. 6-11. 1938-1967; Rangeman's Journal 2(2): 64. 1975 (obit. not.).
Fryxell, P.A., in lit. Apr 1983 (d. 5 Mar 1975).
Verdoorn, F., ed., Chron. bot. 2: 405. 1936, 5: 371. 1939, 6: 455. 1941.

EPONYMY: The Theodore M. Sperry Herbarium at Kansas State College of Pittsburg, Kansas, U.S.A. commemorates Theodore Melrose Sperry (1907-x), Dr. phil. plant ecology Univ. Ilinois.

NOTE: Outside our period with W.B. McDougall, *Plants of Big Bend National Park*, Washington, D.C. 1951, xii, 209 p.

12.606. *A checklist of the ferns, gymnosperms, and flowering plants of the proposed Big Bend national park of Texas* ... [Sul Ross State Teachers College Bulletin 1938]. Oct.
Publ.: 1 Dec 1938 (date on cover of journal issue), published in Sul Ross State Teach. Coll. Bull. 19(4): 9-98. 1938. *Copies*: HH, MO, NY, PH, US, USDA.
Additions: 1 Mar 1941 (id.), id. 22(1): 9-60. 1941.

Speschnew, Nicolai Nicolaievich von (1844-1907), Russian mycologist; state mycologist of the Russian department of agriculture in the Caucasus and director of the department's mycological laboratory at Tiflis. (*Speschnew*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 309 (d. 26 Feb/11 Mar 1907); Bossert p. 378; LS 25572-25587, 39424-39431.

BIOFILE: Anon., Allg. Bot. Z. 13: 108. 1907 (d.); Bot. Centralbl. 104: 502. 1907 (d.); Hedwigia 46: (144). 1907 (d.); Nat. Nov. 29: 237. 1907 (d.).
Kuznetsov, N., Acta Horti Univ. Jurj. 9: 107-110. 1909.

12.607. *Fungi parasitici transcaspici et turkestanici* novi aut minus cogniti ... (Tiblisi 1901. Oct.

Publ.: 1901, p. [i-ii], [1]-25, *pl. 1-2* (uncol.). *Copy*: FH. – Reprinted and to be cited from Trudi Tiflisskago bot. Sada 5: 159-183, *pl. 1-2*. 1901. – Text in Russian.

12.608. *Gribnie parasiti tschainago kusta* ... Tiblisi 1904. Oct.
Publ.: 1904 (Nat. Nov. Mar(1) 1905), p. [i*-v*], [i]-ii, [1]-83, *pl. 1-4* (col. lith.). *Copy*: FH. – Reprinted and to be cited from Trudi Tifliskago bot. Sada 6(3): 47-129. 1904. For German version see below; see also Bot. Centralbl. 98: 40-41. 1905.

12.609. *Die Pilzparasiten des Teestrauches* ... Berlin (Verlag von R. Friedländer und Sohn) 1907. Oct. (*Pilzparas. Tee. strauch.*).
Publ.: 1907 (Nat. Nov. Apr(2) 1907), p. [1]-50, *4 col. pl. Copies*: FI, Stevenson. – 250 copies printed. – German version of *Gribnie parasiti tschainago kusta*, see above; see also Bot. Centralbl. 107: 519-520. 1908.

Spicer, William Webb (1820-1879), British clergyman and botanist; M.A. Oxford 1848; rector at Itchen Abbas, Kants., England 1850-1874; in Tasmania from 1874-1878. (*Spicer*).

HERBARIUM and TYPES: WTR (8-750); other material at BIRM, BNS, BRISTM, E, FRS, K, LIV, LIVU, MANCH, OXF.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 309 (d. 28 Apr 1879); BB p. 284-285; BL 1: 86, 319; BM 5: 1990; Clokie p. 247; CSP 8: 989, 11: 463; Desmond p. 577; HR; Jackson p. 402, 608; LS 25590; Rehder 1: 506; TL-2/6659; Tucker 1: 663.

BIOFILE: Anon., Pap. Proc. R. Soc. Tasmania 1878: 4-5. 1879 (tribute), 1879: 11. 1880 (d.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 356.8. 1980.
Kent, D.H. & D.E. Allen, Brit. Irish herb. 248. 1984.
Maiden, J.H., Proc. Roy. Soc. Tasmania 1909: 27 (reprint, Rec. Tasman. bot. 1909, p. 19).

COMPOSITE WORKS: Translator English edition of J. Nave, *Anleit. Einsamm.* 1864, TL-2/6659, as *Handy-book coll.* 1869; ed. 2. 1882, ed. 3. 1884, ed. 4. 1905 (*Collector's handbook of Algae*).

12.610. *A handbook of the plants of Tasmania* ... Hobart Town (J. Walch and Sons) 1878. 16-mo. (*Handb. pl. Tasmania*).
Publ.: 1878 (p. vii: Mar 1878; J. Bot. Nov 1878; Bot. Zeit. 6 Dec 1878), p. [i]-xxiv, [1]-160, *3 pl. Copies*: G, HH, MO, NSW, NY.

Spieler, Alexander Julius Theodor (1817-?), German (Silesian) physician and botanist; Dr. med. Breslau 1841; student of Göppert. (*Spieler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1991; PR 8828, ed. 1: 9801; Rehder 3: 73.

BIOFILE: Spieler, A.J.T., Pl. venen. Siles. 41-42. 1841 (vita, b. 17 Jun 1817 at Breslau).

12.611. *De plantis venenatis Silesiae.* Dissertatio inauguralis toxicologico-medica quam consensu et auctoritate gratiosi medicorum ordinis in Universitate viadrina ad summos medicinae et chirurgiae honores rite impetrandos die xxiv decembris mdcccxli h.l.q.c. publice defendet auctor ... Vratislaviae [Breslau] (typis Henrici Richteri) [1841]. Oct. (*Pl. venen. Siles.*).
Publ.: 24 Dec 1841 (t.p.), p. [i*], [i]-iv, [1]-42. *Copy*: NY.

Spielmann, Jakob Reinhold (1722-1783), German (Alsatian) botanist and pharmacist; travelled in Germany 1740-1742; pharmaceutical examination at Strassburg 1743;

Dr. med. ib. 1748; professor of medicine, chemistry and botany ib. (extraordinary) 1755, (ordinary) 1759-1783. (*Spielm.*).

HERBARIUM and TYPES: Some material in the P.A. Pourret herbaria at MAF and P.

BIBLIOGRAPHY and BIOGRAPHY: ADB 35: 171-173; Barnhart 3: 310 (b. 31 Mar 1722, d. 9 Sep 1783); BM 5: 1991; Bossert p. 378; Dawson p. 779; Dryander 3: 144, 502, 543; Hegi 5(2): 1131; Herder p. 175, 289; PR 8829-8837, 4008, ed. 1: 4414, 4719, 9493, 9802-9811; Rehder 5: 816; TL-2/2696; Tucker 1: 663.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 227: 545. 1964; Cat. gén. Bibl. natl., Paris 176: 603-604. 1949; Hist. Soc. r. Méd. 1782-1783: 116-126. 1784 (éloge); Nova Acta Acad. Petrop., Hist. 1783: 213-214 (d.); Schr. Berlin Ges. nat. Fr. 5: 497-506. 1784 (obit.).
Brachmann, W., Apotheker-Zeit. 63: 27-28. 1951 (inconsistencies in records on Spielmann family).
Cap, J. Pharm. Chim., Paris ser. 3. 14: 35-41. 1848 (biogr. sketch).
Diergart., P., Chemiker-Zeit. 51(30): 281-283. 1927 (Goethe and Sp.).
Dörr, W., Süddeut. Apoth.-Zeit. 72(55): 377-378. 1932 (Goethe and Sp.).
Fée, A., Cat. méth. pl. Jard. bot. Strasbourg vi. 1836.
Fries, Th.M., Bref Skrifv. Linné 1(3): 252. 1909.
Hoefer, ed., Nouv. biogr. gén. 44: 327-329. 1868.
Hulth, J.M., Bref Skrifv. Linné 2(1): 140, 141. 1916.
Kirschleger, F., Fl. Alsace 2: xxxvii-xxxviii. 1857.
Lippman, E.O. v., Chem. Zeit. 51: 281-283. 1927.
Meusel, J.G., Lexik. teut. Schriftst. 13: 226-228. 1813.
Oberlin, Gaz. méd. Strasbourg 5: 225-236. 1845 (biogr.).
Pgl., Biogr. Lex. hervorrag. Ärzte ed. 2. 5: 364-365. 1935.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 2: 971. 1863, 7a: 648-649. 1971 (extensive primary and especially secondary bibliography).
Schmid, G., Goethe u.d. Naturw. nos. 61, 3110, 3330, 3675, 4423-4427. 1940.
Wittrock, V.B., Acta Horti Berg. 3(2): 117-118. 1903, 3(3): 115. 1905.
Wittwer, P.L., Chem. Ann. Freunde Naturlehre ed. L. Crell 1784(1): 545-580 (obit.).

NOTE: (1) For a list of dissertations defended under J.R. Spielmann see PR ed. 1, nos. 9805-9811.
(2) For extensive biographical references on S.'s biological, chemical and pharmaceutical work see Poggendorff (1971).

COMPOSITE WORKS: (1) See J. Herrmann, *Cardamom. hist.* 1762. TL-2/2696, other copies: B-S, G.

EPONYMY: *Spielmannia* Medikus (1775).

12.612. *Prodromus florae argentoratensis* ... Argentorati [Strassburg] (apud Joh. Gothofredum Bauerum) 1766. Oct. (*Prodr. fl. argent.*).
Publ.: 1760, p. [1]-154, [1-12, index]. *Copies*: B-S, G, HH, M, NY, USDA.

12.613. Dissertatio medica *de vegetabilibus venenatis Alsatiae* quam praeside Jacobo Reinholdo Spielmanno ... d. xvi. decembris a. mdxxlxvi solemni eruditorum examini subjiciet Franciscus Antonius Guerin ... Argentorati [Strassburg] (Excudebat Joh. Henricus Heitz, ...) [1766]. Qu. (*Veg. venen. Alsat.*).
Publ.: 16 Dec 1766, frontisp., p. [i-iv], [1]-76. *Copy*: NY.

12.614. *Acaciae officinalis historiam* praeside Jacobo Reinboldo Spielmann ... d. xxiv decembr. mdcclxviii. Solemni eruditorum examini subjiciet Ignatius Xaverius Emericus Paulus Lachausse argentoratis. H.L.Q.C. Argentorati [Strassbourg] (typis Johannis Henrici Heitzii ...) [1768]. Qu. (*Acac. off. hist.*).
Publ.: 24 Dec 1768, p. [1]-16. *Copy*: M.

12.615. *Olerum argentoratensium fasciculum* sub praeside paterno Jacobo Reinboldi Spielmann ... solemni eruditorum examini subjicit d. xiv. novembr. mdcclxix. Johannes Jacobus Spielmann argentoratensis. H.L.Q.C. Argentorati [Strasbourg] (Excudit Joh. Henricus Heitz ...) [1769]. Qu. (*Oler. argent. fasc.*).
Publ.: 14 Nov 1769, p. [i-ii], [1]-62. *Copy*: M.
Fasc. alt.: 26 Mai 1770, p. [1]-40. *Copy*: HH.

12.616. *Institutiones materiae medicae* praelectionibus academicis accomodatae ... Argentorati [Strassburg] (apud Bauerum & socium, ...) 1774. Oct. (*Inst. mat. med.*).
Publ.: 1774 (p. [viii]: 10 Apr 1774), p. [i-viii], [1]-656, [657-700 bibl.], [701-758, ind.], [759-760 err.]. *Copy*: G.
Ed. 2: 1784, *copy*: U-UB.
German translation of first edition: 1775, p. [i-viii], [1]-770, [1-96]. *Copies*: J. Crerar Libr., NSUB. – *Anleitung zur Kenntniss der Arzneymittel* zu akademischen Vorlesungen eingerichtet ... Strassburg (bey Bauer und Compagnie ...) 1775. Oct. – Translated by Johann Jacob Spielmann (1745-1810).
Id. ed. 2: 1785, n.v. – Strassbourg (Treuttel et Würtz) 1785. Oct.

Spilger, Ludwig (1881-1941), German (Hessen) botanist and historian of botany; Dr. phil. Giessen 1903; teacher at the Bentheim teacher's college 1909-1927; "Oberstudienrat" at the Pädagogische Akademie, Technische Hochschule Darmstadt, 1927. (*Spilger*).

HERBARIUM and TYPES: Unknown. – Had a collection of 10.000 letters of Hessian and Pfalz botanists (5000 stemming from Solms-Laubach).

BIBLIOGRAPHY and BIOGRAPHY: BFM 343, 344, 345, 375, 376; Biol.-Dokum. 17: 8805-8807; LS suppl. 26273-26278.

BIOFILE: Löhr, O., Mitt. Pollichia ser. 2. 10: 142. 1942 (obit. not.).
Stocker, O., Ber. Oberhess. Ges. Nat. Heilk. Giessen 20/22: xi-xvi. 1942 (repr. p. 1-6) (obit.; portr., bibliography of 234 items available from Darmstadt).
Ziegler, H., Ber. deut. bot. Ges. 81: 565. 1970.

12.617. *Flora und Vegetation des Vogelbergs.* Inaugural-Dissertation zur Erlangung der Doktorwürde der philosophischen Fakultät der Grossh. Hessischen Ludwigs-Universität zu Giessen ... Giessen (Verlag von Emil Roth) 1903. Oct. (*Fl. Veg. Vogelsb.*).
Publ.: Jun 1903 (text admitted 13 Oct 1902; commercial issue signed Jun 1903 by "Dr. Ludwig Spilger"; Bot. Zeit. 16 Sep 1903; Nat. Nov. Aug(1) 1903), p. [i-ii], [1]-132, [1, vita]. *Copy*: NY.
Commercial issue: Jun 1903 (p. [iv]: Jun 1903; AbZ 16 Sep 1903), p. [i-iv], [1]-134, [135]. *Copies*: B, HH.

Spillman, William Jasper (1863-1931), American botanist and geneticist; BS. Univ. Missouri 1886; MS. ib. 1889; Dr. sci. Temple Univ., Philadelphia 1890; professor of agriculture at the Washington State Experimental Station, Pullman 1894-1901; agrostologist at the Bureau of Plant Industry, USDA, Washington, D.C. from 1902-1915; from 1915 in various other functions at USDA, from 1928 principal agricultural economist; originator of the first hybrid wheats grown in the U.S. (*Spillman*).

HERBARIUM and TYPES: Unknown. Some material at F, US, WS.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 310 (b. 23 Oct 1863, d. 11 Jul 1931); BM 5: 1991; DAB 17: 458-459; NW p. 58; Tucker 1: 663-664, 3: 291.

BIOFILE: Anon., Amer. men sci. eds. 1-4: 1906-1927; Brit. Mus. gen. cat. 227: 599-600. 1964; Cat. gén. livr. impr. Bibl. natl. 176: 663-665. 1949; Expt. Sta. Rec. USDA 65(7): 601, 604-607. 1931 (obit.); Hedwigia 41: (143). 1902 (succeeds Lamson-Scribner at USDA); Offic. Rec. USDA 10(30): 218. 1931 (obit.); Science ser. 2. 74: 62. 1931 (d.); Who's who Amer. 4-17, 1906-1933; Who was who Amer. 1: 1164. 1968.

Deam, C.C., Fl. Indiana 1118. 1940 (coll.).
Johnson, L.P.V., J. Heredity 39: 247-252. 1948 (evaluation of his pre-Mendelian wheat experiments).
Roberts, H.F., Plant hybridization before Mendel 276-283. 1965 (on important early paper on hybridization of wheat).
Rodgers, A.D., Liberty Hyde Bailey 249, 261-267, 272, 443. 1949.
Spillman, R., J. Heredity 39: 253-254. 1948 (further evidence of importance of pre-Mendelian work).

NOTE: For Spillman's early work on hybridization see his *Quantitive studies on the transmission of parental characters to hybrid offspring*, Bull. Office Expt. Sta. USDA 115, 1901 and *The hybrid wheats*, Bull. Agr. Exp. Sta. State Coll. Washington 89, 1909.

12.618. *Farm grasses of the United States.* A practical treatise on the grass crop, seeding and management of meadows and pastures, descriptions of the best varieties, the seed and its impurities, grasses for special conditions, etc. etc. ... New York (Orange Judd Company). London (Kegan Paul, Trench, Trübner & Co., ...) 1909. Oct. (*Farm grass. U.S.*).
Publ.: Jan-Feb 1905 (Nat. Nov. Mar(2) 1905), p. [i]-xv, 1-248. *Copy*: USDA (portr. on p. [iv]).
Reissue: 1909, p. [i]-xv, 1-248. *Copy*: USDA.
Reissue: 1911, p. [i]-xv, 1-248. *Copy*: USDA.
Reissue: 1912, p. [i]-xv, 1-248. *Copy*: USDA.

Spin, Marquis de (Marquese di Spigno) (*fl.* 1809), Italian botanist and soldier. (*Spin*).

HERBARIUM and TYPES: Unknown. – Had a botanical garden at San Sebastiano, nr Torino, in the early 19th century. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1991; Jackson p. 437; PR 8843, ed. 1: 8652, 9818; Rehder 1: 61, 522; RS p. 143; Saccardo 1: 157, cron. p. xxxiii; TL-1/1254.

BIOFILE: Bonafous, M., Bull. Linn., Paris 3: (24). 1824 (on his catalogue).
Candolle, A.P. de, Mém. souvenirs 483. 1862.

12.619. *Le jardin de S.t Sebastien* avec des notes sur quelques plantes nouvelles ou peu connues par M.r de Spin ... Turin [Torino] (de l'Imprimerie Soffieti ...) 1812. Oct. (*Jard. St. Sebastien*).
Publ.: Jan-Apr 1812 (BR 30 Apr 1812, 300 copies printed), p. [1]-28, [1, expl. pl.], *pl. 1-2* (uncol. copp.). *Copies*: B-S, G.
Other edition: 1818, p. [1]-26, *pl. 2*. *Copy*: G. – *Le jardin de S.t Sébastien*, soit catalogue des plantes qu'on y cultive, avec des notes sur quelques espèces nouvelles ou peu connues par le Marquis de Spin, ... Turin (Veuve Pomba et fils, ...) 1818. Oct. (in fours).
Supplément: 1823, p. [1]-15, *1 pl. Copy*: G(2). – Supplément au catalogue des plantes du Jardin de S.t Sébastien ... Turin (id.) 1823. Oct. (in fours).
Other editions: Pritzel mentions a first edition from 1809, 28 p., *2 pl.* "Turin, typ. Bianco" not seen by us. D.H. Hoppe (Flora 3, Beil. 1/2: 28. 1820) mentions an edition of 1804, with a first supplement in 1805 and a second in 1806, also not seen by us.

Spinner, Henri (1875-1962), Swiss botanist; Dr. phil. Zürich 1902; lecturer (1902) and professor of botany at the Académie de Neuchâtel, later Université de Neuchâtel 1908-1946, also teacher at the Neuchâtel "Collège latin" 1902-1941. (*Spinner*).

HERBARIUM and TYPES: NEU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 310; BFM 976, 2081; Biol.-Dokum. 17: 8807; BJI 2: 168; BL 2: 578, 719; BM 5: 1991; Hirsch p. 283; Lenley p. 381.

BIOFILE: Anon., Bot. Centralbl. 107: 288. 1908 (succeeds Tripet at Neuchâtel); Österr.

bot. Z. 58: 223. 1908 (so far "Privat-Docent", now extraordinary professor of botany Neuchâtel).
Favarger, C., Bull. Soc. neuchât. Sci. nat. 86: 155-158. 1963 (obit., portr., d. 20 Aug 1962).
Ischer, Ad., Bull. Soc. neuchât. Géogr. 51: 119-126. 1954-55 (tribute, bibl., b. 13 Nov 1875).
Schmid, G., Goethe u.d. Naturw. nos. 3650, 3651. 1940.

12.620. *L'anatomie foliaire des Carex suisses.* Dissertation inaugurale présentée à la Faculté de philosophie, iie section, de l'Université de Zürich pour l'obtention du doctorat en philosophie ... Neuchâtel (Imprimerie Wolfrath & Sperlé) 1903. Oct. (*Anat. fol. Carex*).
Publ.: Mai-Jun 1903 (mss submitted 11 Apr 1902; ÖbZ for Apr-Mai 1903; J. Bot. Oct 1903; Nat. Nov. Jul(2) 1903), p. [1]-120, *pl. 1-5* (uncol.), charts 1-9, 1-9 [sic]. *Copies*: B, G, M. – Mitt. Bot. Mus. Univ. Zürich 17. – Preprinted or reprinted from Bull. Soc. neuchât. Sci. nat. 30: 65-180, *pl. 1-5*. 1902 (1903).

12.621. *L'évolution de la flore neuchâteloise* ... Leçon inaugurale du cours de botanique à la Faculté des sciences de l'Université de Neuchâtel – Neuchâtel (Imprimerie Attinger frères) 1910. Oct. (*Evol. fl. neuchât.*).
Publ.: 1910 (copy G rd 26 Dec 1910), p. [1]-23. *Copy*: G. – Reprinted from Bull. Soc. neuchât. Géogr. 20: 194-212. 1910.

12.622. *La distribution verticale et horizontale des végétaux vasculaires dans le Jura neuchâtelois* ... Neuchâtel (Attinger frères, ...) Paris (id.), Leipzig (Librairie Otto Harrassowitz ...) 1918. Oct. (*Distr. vég. vasc. Jura*).
Publ.: 1918, p. [i-iii], [1]-200, [201, cont.], *pl. 1-7*, map. *Copies*: B-S, BR, G, HH, PH. – Issued as Mém. Univ. Neuchâtel 2, 1918. – See also his *Le Haut-Jura occidental*, 1937.

12.623. *Le Haut-Jura neuchâtelois* nord-occidental ... Berne (Edition Hans Huber) 1932. Oct. (*Haut-Jura neuchât.*).
Publ.: 1 Dec 1932, p. [1]-197, 2 maps, *pl. 1-6*. *Copies*: M, NSUB, Univ. Illinois, UC, US.

Spire, Camille Joseph (*fl.* 1903), French military colonial physician and botanist; in Indochina ca. 1903. (*Spire*).

HERBARIUM and TYPES: P. – Some further material was at B (destroyed).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 310; IH 2: (files); MW p. 464; SK 1: 497 ("O. Spire"); Tucker 1: 664; Urban-Berl. p. 400.

BIOFILE: Anon., Cat. gén. livr. impr. Bibl. natl. 752. 1949.
Gagnepain, F. *in* Lecomte, H., Fl. gén. Indochine tom. prél. 47. 1945.

EPONYMY: *Spirella* Constantin (1912).

12.624. Série A n° 493 n° d'ordre 1206. Thèses présentées à la Faculté des sciences de Paris pour obtenir le grade de docteur ès sciences naturelles ... 1re thése: *Contribution à l'étude des Apocynées*; en particulier des lianes indo-chinoises ... soutenues le [mss: 10] avril 1905 ... Paris (Augustin Challamel, ...) 1905. Oct. (*Contr. Apocyn.*).
Publ.: 10 Apr 1905 (date defense thesis), p. [i]-vii, [1]-186, [187, theses], [1, cont.], *pl. 1-36* (uncol.). *Copies*: B, HH, MICH, NY, USDA.

12.625. *Le caoutchouc en Indo-Chine* étude botanique industrielle et commerciale ... Paris (Augustin Challamel, éditeur ...) 1906. Oct. (*Caoutchouc Indo-Chine*).
Co-author: André Spire.
Publ.: 1906 (Nat. Nov. Sep(1) 1906), p. [i]-viii, [1]-262, *pl. 1-35*. *Copy*: BR.

Spitzel, Anton von (1807-1853), German (Bavarian) botanist, plant collector and forester in Loser (1832-1835), Grubhof (1835-1836) and München. (*Spitzel*).

HERBARIUM and TYPES: M; further material in BR, DBN, E, FI, HAL, LZ (destr.), MW, REG, W, WAG.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 698; Barnhart 3: 310 (b. 6 Nov 1807, d. 27 Mar 1853); DTS 6(4): 25; Frank 3 (Anh.): 99; Hegi 2: 346, 4(1): 376.

BIOFILE: Anon., Flora 19(2): 618-624. 1836 (coll.), 36: 288. 1853 (obit. not.); Gartenflora 2: 256. 1853 (d.); Österr. bot. W. 3: 254. 1853 (d.).
Hausmann, F. v., Fl. v. Tirol 1186. 1854.
Hess, R., Lebensbilder hervorragender Forstmänner 354-355. 1885.
Martius, C.F.P. v., Gel. Anz., München 31: 729-736. 1850 (coll. M).

EPONYMY: *Spitzelia* C.H. Schultz-Bip. (1833).

Spitzner, Wenzel (Václav) (1852-1907), Bohemian botanist (lichenologist). (*Spitzn.*).

HERBARIUM and TYPES: BRNU.

BIBLIOGRAPHY and BIOGRAPHY: AG 6(1): 606; Barnhart 3: 310; Futak-Domin p. 557; GR p. 667; cat. 72; Klásterský p. 175 (further biogr. refs.; b. 23 Sep 1852, d. 9 Jan 1907); LS 25599-25600; Rehder 2: 304.

BIOFILE: Anon., Österrr. bot. Z. 36: 131. 1886; Preslia 49(1): 90. 1977 (b. 22 Sep 1852, d. 9 Jan 1907); Vestn. Klubu přír. Prostějově 9: i-vii. 1907 (obit., bibl.).

12.625a. *Beitrag zur Flechtenflora Mährens* und Öst.-Schlesiens Strauch-, Blatt- und Galertflechten [sic] ... Verh. naturf. Ver. Brünn 28, 1890. Oct.
Publ.: 1890 (Bot. Centralbl. 20 Aug 1890), p. [1]-8. *Copy*: B. – Reprinted and to be cited from Verh. naturf. Ver. Brünn 28: 130-137. 1890.
Ref.: Abbé H. [Hue], Bull. Soc. bot. France 40 (bibl.): 14-15. 1893.

Spix, Johann Baptist von (1781-1826), German (Bavarian) traveller and zoologist; from 1811 curator of the zoological collections of the Bayerische Akademie der Wissenschaften; from 1817-1820 with C.F.P. von Martius in Brazil. (*Spix*).

HERBARIUM and TYPES: See under C.F.P. von Martius (and e.g. Flora 34: 6. 1851).

BIBLIOGRAPHY and BIOGRAPHY: ADB 35: 231-232 (F. Ratzel); Barnhart 3: 311 (d. 13 Mai 1826); BM 5: 1992-1993; Colmeiro 1: cci; DSB 12: 578-579; Herder p. 60; Lasègue p. 230, 477; NI p. 189, 190; PR ed. 1: 6584; Quenstedt p. 408; Rehder 1: 341; Saccardo 1: 157, 2: 103; TL-2/5516, 5531, see J.E. Pohl; Tucker 1: 664.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 227: 724-725. 1964; Cat. gén. livr. impr. Bibl. natl. 176: 817-819. 1949; Flora 1: 557. 1818, 3: 636. 1820.
Berthel, D.E. et al., Mater. Bras.-Exp. 1821-1829, G.H. von Langsdorff, Berlin 1979, p. 14, 20, 23, 27, 35, 69, 158, 203.
Burckhardt, R., Zool. Ann. Würzburg 2: 31-46. 1906 (on Spix' Gesch. Beurth. Syst. Zool., 1811).
Carus, C.G. & C.F.P. von Martius, Eine Altersfreundschaft in Briefen 14, 120, 121, 123, 125. 1939.
Embacher, F., Lexik. Reisen 274-275. 1882.
Gistl, J., Fauna, München 2(1-3): 7-8. 1835 (biogr., frontisp., portr.).
Lux, W., *in* S. v. Pölnitz, ed., Lebensläufe aus Franken 6: 532-535. 1960.
Martius, C.F.P. von, Gel. Anz. München 1850: 723, 737. 1850 (coll.); Flora 10(1) Beil. 3: 94-97. 1827; Akad. Denkreden 599-601. 1866.
Nissen, C., Zool. Buchill. 391-392. 1969.
Papavero, N., Essays hist. neotrop. Dipterol. 1: 61, 65-69, 99, 111, 145. 1971.
Sabin, J. et al., Bibl. Amer. 23: 10-12. 1932-1933.
Schmid, G., Goethe u.d. Naturw. 617 [index]. 1940.
Schrank, F. v. P., Flora 1: 65-84. 1818 (travel report).

Swainson, W., Taxidermy 334-335. 1840.

COMPOSITE WORKS: With C.F.P. von Martius, *Reise Brasilien* 1823-1831, see TL-2/5516 and 5531. – Concise English translation: London, 1824, 2 vols., translated by H.E. Lloyd. – Review in Flora 7(1): 1-8, 17-26. 1824, 11(2): 385-396, 449-459. 1828.

EPONYMY: *Spixia* F. von Paula von Schrank (1821); *Spixia* P. Leandro de Sacramento (1821).

Splitgerber, Frederik Louis (1801-1845), Dutch botanist and botanical traveller; private scientist at Amsterdam; in Italy and Sicily 1833, in Suriname 1837-1838. (*Splitg.*).

HERBARIUM and TYPES: L. – Duplicates in BM, BR, CGE, E-GL, FH, G, GOET, K, NY, P, PC, W. W. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Aa 17: 931; AG 4: 620 ("Friedrich Ludwig"); Backer p. 534, 661; Barnhart 3: 311 (b. 9 Dec 1801, d. 23 Mai 1845); BM 5: 1993; CSP 5: 779; Hortus 3: 1204; IF p. 732; IH 2: (files); JW 1: 448, 2: 201, 3: 370; Langman p. 714; Lasègue p. 111, 222, 297, 304, 503, 505; PR 8844-8851, ed. 1: 9819-9823; Rehder 5: 817; Saccardo 2: 103; TL-2/6213, 8895; Tucker 1: 664; Zander ed. 11, p. 821.

BIOFILE: Anon., Bot. Zeit. 4: 232. 1848 (d.); Bull. Sci. phys. nat. Néerl. 1838: 159 (returned from Suriname); Flora 29: 223. 1846 (d.).
Candolle, A.P. de, Mém. souvenirs 472. 1862.
Kalkman, C. & P. Smit, eds., Blumea 25(1): 13, 93, 96. 1979.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 690. 1985.
Candolle, A.P. de, Mém. souvenirs 472. 1862.
Pulle, A.A., Enum. vasc. pl. Suriname 5-6. 1906.
Sayre, G., Mem. New York Bot. Gard. 19(3): 401. 1975.
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Steenis-Kruseman, M.J. von, Blumea 25(1): 37, 38, 40, 42. 1979 (coll. L); *in* R.J. Forbes, Mart. v. Marum 3: 170. 1971.
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COMPOSITE WORKS: F. Dozy & J.H. Molkenboer, *Prodr. fl. bryol. Surinam.* 1854, TL-2/6213, is in part based on F.L. Splitgerber's collections.

EPONYMY: *Splitgerbera* Miquel (1840).

12.626. *Observationes de Voyria* scripsit F.L. Splitgerber [from Tijdschr. nat. Gesch. Physiol. 7, 1840]. Oct.
Publ.: Jan-Jun 1840 (in journal; see TL-2/2871), p. [1]-11, *pl. 1-2* (col. liths.). *Copies*: B-G, G. – Reprinted and to be cited from Tijdschr. nat. Gesch. Physiol. 7(1): [129]-139, *pl. 11-12*. Jan-Jun 1840. – See also F.A.W. Miquel et al., Bull. Sci. phys. nat. Néerl. 1839: 214-220. 1840.

12.627. *Enumeratio filicum et lycopodiacearum* quas in Surinamo legit F.L. Splitgerber ... Leiden (bij S. en J. Luchtmans) 1840. Oct.
Publ.: Nov 1840 (in journal, see TL-2/2871; p. 56: Mai 1840), p. [1]-56. *Copies*: B-S, G, HH, MO, NY; IDC 7264 (journal issue). Reprinted and to be cited from Tijdschr. nat. Gesch. Physiol. 7(2): 391-444. Nov 1840.

12.628. *Notice sur une nouvelle espèce de Vanille* ... tiré des Annales des Sciences naturelles, vol. 16. Paris 1841. Oct.
Publ.: Mai 1841 (in journal), cover-t.p., p. [1]-8. *Copy*: G. – Reprinted and to be cited

from Ann. Sci. nat. Bot. ser. 2. 15: 279-284. Mai 1841. – Line 8 of the diagnosis of *Vanilla guianensis* (p. 1, 279) has been corrected in the reprint:" the journal has "3 linas lata", the reprint "8 linea lata".

12.629. *Observationes de Bignoniaceis surinamensibus* ... [Tijdschr. nat. Gesch. Physiol. 9, 1842]. Oct.
Publ.: Jun 1842 (in journal, see TL-2/2871; p. 12: Nov 1841; Flora 28 Dec 1842), p. [1]-12. *Copies*: G, HH. – Reprinted and to be cited from Tijdschr. nat. Gesch. Physiol. 9: 5-16. Jun 1842.

12.630. *De plantis novis surinamensibus* ... [Tijdschr. nat. Gesch. Physiol. 9(2). 1842. Oct.
Publ.: Aug-Sep 1842 (in journal , see TL-2/1871; p. 20: 1 Feb 1842), p. [1]-20. *Copies*: G, HH, MO. – Reprinted and to be cited from Tijdschr. nat. Gesch. Physiol. 9(2): 95-114. Aug-Sep 1842.

Note: book number 12.631 has not been used.

12.632. *Description du genre Urania*, non Schreber nec Richard, par F.L. Splitgerber [Amsterdam 1843]. Oct. (*Descr. Urania*).
Publ.: 1843 (p. 7: "1845"), p. [1]-8, *2 pl.* (uncol. liths. auct.). *Copies*: G, MO, NY.

Sporleder, Friedrich Wilhelm (1787-1875), German (Prussian-Saxony) botanist; studied law and botany at Göttingen; government administrator at Wernigerode from 1815. (*Sporleder*).

HERBARIUM and TYPES: HAL; further material at JE, M (lichens) and WRSL (lichens). – *Letters* to D.F.L. von Schlechtendal at HAL.

BIBLIOGRAPHY and BIOGRAPHY: ADB 35: 275-277 (E.A. Jacobs; b. 10 Apr 1787, d. 28 Mar 1875); Frank 3 (Anh.): 99; GR p. 177; IH 1 (ed. 7): 343; SK 1: 497, 8: xciv.

BIOFILE: Anon., Bonplandia 2: 255. 1854.
Rothmaler, W., Taxon 2: 142-143. 1953 (herb. at HAL).
Seeland, H., Mitt. Herm. Roemer. Mus. Hildesheim 40: 24, 25, 29, 46. 1936.

EPONYMY: *Sporledera* Hampe (1837); *Sporledera* Bernhardi (1842). *Note*: The derivation of *Sporlederia* A.W. Stiehler (1860) could not be determined.

12.633. *Beitrag zur Flora der Insel Portorico* ... [Linnaea. 1853]. Oct.
Publ.: Feb 1853, p. [333]-366. *Copies*: NY, US. – Reprinted and to be cited from Linnaea 25(3): [333]-366. 1853.

12.634. *Verzeichniss der in der Grafschaft Wernigerode* und der nächsten Umgegend *wildwachsenden Phanerogamen* und Gefäss-Cryptogamen, so wie der daselbst im Freien in grösserer Menge gebauten Pflanzen ... [Wernigerode 1867]. Oct. (*Verz. Wernigerode Phan.*).
Ed. [*1*]: 1867 (p. xviii: Oct 1867), p. [i]-xxvi, [1]-227, *1 pl.* (uncol. lith.). *Copy*: B. – Issued in "Festschrift zur Feier des 25jährigen Bestehens des Wissenschaftlichen Vereins in Wernigerode". (Festschrift n.v.).
Ed. 2: 1882 (p. xxxii: Jun 1882; Bot. Zeit. 27 Oct 1882; Bot. Centralbl. 7-11 Aug 1882; Nat. Nov. Aug(2) 1882), p. [i]-xxxvi, [1]-336. *Copy*: B. – "Zweite, nach dem Tode des Verfassers neubearbeitete und durch ein Verzeichniss der im Gebiet bis jetzt aufgefundenen Laubmoose vermehrte Auflage ... Wernigerode (Druck von B. Angerstein) 1882. Oct. – Edited by Hermann Focke; provided with a biography of Sporleder.

Sprague, Charles James (1823-1903), American banker, poet, mycologist and lichenologist at Boston; curator of the herbarium of the Boston Society for Natural History. (*C. Sprague*).

HERBARIUM and TYPES: FH (lichen herbarium of 2600 specimens). – *Letters* at FH, GH, NY (Ellis papers).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 311 (b. 16 Jan 1823, d. 5 Aug 1903); Bossert p. 379; CSP 5: 781; IH 1 (ed. 6): 364, (ed. 7): 343; LS 25605-25612; Morren ed. 10, p. 122; PH p. 58; Rehder 5: 817; Tucker 1: 664.

BIOFILE: Anon., New York Times 6 Aug 1903; Proc. Boston Soc. nat. Hist. 23: 309. 1888 (lichen coll. rd); Rhodora 3: 70-71. 1901 (lich. at Boston Soc. nat. Hist.), 5: 234. 1903 (obit. not.); Torreya 3: 128. 1903 (d.); Who's who Amer. 1899-1902; Who was who Amer. 1: 1165. 1968.
Ewan, J. et al., Short hist. bot. U.S. 7. 1969.
Rogers, D.P., Brief hist. mycol. N. Amer, ed. 2. 11. 1981.
Wilson, J.G. & J. Fiske, Appleton's Cycl. Amer. Biogr. 5: 637. 1888.

EPONYMY: *Spragueola* Massee (1896).

Sprague, Isaac (1811-1895), American botanical and zoological artist in Massachusetts, who worked for e.g. Audubon and Asa Gray. (*I. Sprague*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 311 (b. 5 Sep 1811, d. 15 Mar 1895); BM 5: 1993; Bossert p. 378; Morren ed. 10, p. 123; NI 235 and see indexes; PH 164; TL-1/431, 432, 433, 435; TL-2/2124-2125, 2127, 2130-2131, 2133, 9658; Tucker 1: 664, 3: 291.

BIOFILE: Anon., Bot. Centralbl. 63: 32. 1895 (d.); Bot. Gaz. 20: 237. 1895; Bot. Jahrb. 21 (Beibl. 53): 59. 1896 (d.; *Spraguea* Torrey); Bot. Not. 1896: 44 (d.); Gard. Forest 8: 130. 1895; J. Bot. 33: 313. 1895 (obit. not.).
Gray, J.L., Letters A. Gray 837 [index]. 1893.
Rodgers, A.D., William Starling Sullivant 180, 222. 1940; John Torrey 350 [index]. 1942.
Sutton, S.B., Charles Sprague Sargent 144. 1970.

COMPOSITE WORKS: (1) Illustrated A. Gray, *Gen. Amer. bor.*, 1848-1849, TL-2/2125.
(2) Illustrated A. Gray, *Manual* ed. 2, 1856 and following, TL-2/2124.
(3) Artist, A. Gray, *Pl. forest trees N. Amer.* 1891, TL-2/2133 (J. Bot. Oct 1891).
(4) Illustrated A. Gray, *Pl. wright*, 1852-1853, TL-2/2127.
(5) Illustrated A. Gray, *U.S. Expl. Exp., Atlas phan.*, 1856, 1857, TL-2/2130.
(6) Text illustrations, A. Gray, *First lessons* 1857 and subsequent editions, TL-2/2131.
(7) Plates (10) in A.B. Hervey, Wayflowers and ferns, Troy (Nims and Knight) 1887, 10 pl. with text. *Copies*: MO, PH.

EPONYMY: *Spraguea* Torrey (1853).

12.635. *Wild flowers of America* ... Boston (S.E. Cassino, publisher) 1882. Qu. (*Wild fl. Amer.*).
Author of text: George Lincoln Goodale (1839-1923).
Publ.: 1876-1882 (originally in parts of 4 plates with 8 pages text; part 1: J. Bot. Feb 1877; to be issued quarterly; later with irregular contents at irregular intervals), p. [i-iv], [1]-210, *pl. 1-50. Copies*: HH, MO, NY, PH . – Cover of part 1 with imprint: Boston (H.O. Houghton and Company), New York (Hurd and Houghton), Cambridge (the Riverside Press) copyright, 1876 by Isaac Sprague.

12.636. *Flowers of the field and forest.* From original water-color drawings after nature, by Isaac Sprague. Descriptive text by Rev. A.B. Hervey. With extracts from Longfellow, Lowell, Bryant, Emerson, and others. New York (Thomas Y. Crowell & Co., ...) 1882. Qu. (*Fl. field for.*).
Text: Alpheus Baker Hervey (1839-1931), see also TL-2/2698.
Publ.: 1882 (in parts? Our information is incomplete; Nat. Nov. Jan(1) 1883), p. [1]-154, *14 pl. Copy*: NY. – Possibly re-issued 1892; MO has a set of p. [i-v], with 9 plates and texts, Troy, N.Y. (Nims and Knight) 1892.

Sprague, Mary Letitia ["Manna"], née Green (1886-1978), British botanist, nomenclaturist and botanical bibliographer; with the Royal Botanical Gardens, Kew, 1912-1945, from 1912-1925 as temporary technical assistant for Index kewensis and Index londinensis, from 1925 permanent assistant responsible for the Index kewensis supplements; married Thomas Archibald Sprague 1938. (*M.L. Sprague*).

HERBARIUM and TYPES: K; further material at NMW. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Bossert p. 378; TL-2/2800, see indexes under M.L. Green.

BIOFILE: Anon., Taxon 1: 36. 1952 (portrait in group), 27: 232. 1978 (d.).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 248. 1984.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 691. 1985.
Meikle, R.D., Taxon 27: 439. 1978 (obit.).
Morris, F.W.A., Proc. Cotteswold Natural. Field Club 37(4): 18. 1978.

COMPOSITE WORKS: With A.S. Hitchcock, *Standard species of Linnean* [sic] *genera of Phanerogamae* (*1753-54*), *in* T.A. Sprague et al., eds., *Nom. Prop. Brit. Bot.* 1929, p. 111-119 (genera 501-end by M.L. Green).

12.637. *Rules of botanical nomenclature* ... Reprinted from Empire forestry Journal vol. 10. no. 1. 1931 [1933]. Oct.
Publ.: Jul 1933 (on inside cover), cover-t.p., p. [1]-19. *Copy*: FAS. – Reprinted and to be cited from Empire Forestry Journal 10(1): 54-72. 1931 [sic]. – A review of botanical nomenclature 1905-1930 with notes on the "Rules" as adopted at Cambridge.
Note: Mrs Sprague also published an interesting "Discussion on the differences in observance between zoological and botanical nomenclature" in Proc. Linn. Soc. London 156: 126-146. 1944.

Sprague, Thomas Archibald (1877-1958), British botanist; B.Sc. Edinburgh 1898, D. Sc. ib. 1927; at the Royal Botanic Gardens, Kew 1900-1945, deputy keeper of the herbarium 1930-1945; travelled and collected with H.W. Dowding in Venezuela and Columbia 1898-1899, in the Canary Islands 1913; rapporteur-général for botanical nomenclature 1935-1947. (*Sprague*).

HERBARIUM and TYPES: K. – Further material at GH, MANCH, MEDEL, NMW, OXF, US. – *Manuscripts* at K (incl. reminiscenses of his early times at K). *Letters* at G, GH.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 661; Barnhart 3: 311; Biol.-Dokum. 17: 8812; BJI 2: 168-169; BL 1: 146, 152, 319, 2: 217, 241, 719; BM 5: 1993, 8: 1232; Bossert p. 378; Clokie p. 247; Desmond p. 577 (b. 7 Oct 1877, d. 22 Oct 1958); Hortus 3: 1204; Langman p. 714-715; MW p. 464-465, suppl. 331; NI 2: [index], 3: 13, 41; PH 209; RS p. 143; SIA 221 (HU 107); SO 311a, 919; TL-2/766, 2448, 3218, see J. Ramsbottom; Tucker 1: 664, 3: 291; Zander ed. 10, p. 720, ed. 11, p. 821.

BIOFILE: Anon., Bull. misc. Inf. Kew 1930: 48 (app. deputy keeper), 1933: 462 (also in charge of the library), 1946: 3 (retirement Nov 1945); Pharmac. J. 1958: 336 (d.); Taxon 1: 36.1952 (portr. in group), 7: 293. 1958 (obit. not.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 269.335. 1980.
Bullock, A.A., Taxon 9(4): 93-102. 1960 (obit., portr., bibl.).
Castellanos, A. & R.A. Pérez-Moreau, Lilloa 7: 545. 1941 (index bibl. bot. Argent.).
Hutchinson, R.E.G., Proc. Cotteswold Field Club 33(1-2): 80. 1958.
Kent, D.H. & D.E. Allen, Brit. Irish herb. 248. 1984.
Lanjouw, J., Taxon 8: 1. 1959 (obit.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 691. 1985.
Marshall, H.S.A., J. Kew Guild 1958: 594; Proc. Linn. Soc. London 172: 134-135. 1962 (obit.).
Riddelsdell, H.N., Fl. Gloucestershire clxi-clxii. 1948.

Sprague, T.A. and J. Hutchinson, Bull. misc. Inf. Kew 1913(8): 287-299. 13 Nov 1913 ("A botanical expedition to the Canary Islands" 1913).
Turrill, W.B., Nature 182: 1483-1484. 1958 (obit.).
Verdoorn, F., ed., Chron. bot. 1: 445. 1935, 2: 2, 7, 28, 34, 35, 38, 68, 185. 1936, 3: 2, 26, 27, 28, 161, 162, 336, 4: 103, 221, 285, 299, 529, 541. 1938, 5: 117, 209, 211, 213, 299, 306, 317, 526. 1939, 6: 230, 306, 417. 1941, 7: 428. 1943.
Willis, G.M. & F.N. Hepper, Kew Bull. 1950: 312. 1951 (reminiscences).

COMPOSITE WORKS: (1) *Flora capensis* (TL-2/2448, Harvey and Sonder): *Bignoniaceae* 4.2(3): 447-454. Oct 1904; *Loranthaceae* 5.2(1): 100-135. Apr 1915.
(2) *Flora tropical Africa* (TL-2/7055, D. Oliver): *Bignoniaceae* 4.2(3): 512-538. Jun 1906; *Hernandiaceae* 6.1(1): 189-192. Mar 1909, 6.1(2): 193. Dec 1910; *Loranthaceae* 6.1(2): 255-384. Dec 1910, 385-411. Oct 1911.
(3) A. Chevalier, *Sudania*; Énumeration des plantes récoltées en Afrique tropicale par ... A. Chevalier de 1898 à 1910 inclus. Liste dressée d'après les déterminations de ... Sprague, 1911, 1914.
(4) *Taxonomic botany*, with special reference to the Angiosperms, *in* J. Huxley, ed., *The new Systematics*, Oxford 1940, p. 435-454.

EPONYMY: *Spragueanella* Balle (1954).

12.638. R. Chodat et E. Hassler *Plantae hasslerianae Bignoniaceae* det. T.A. Sprague ... Tiré à part du Bulletin de l'Herbier Boissier ... année 1905 [1904]. Oct.
Publ.: 30 Dec 1904, p. [i, recto of 538], [538]-548. *Copy*: B. – Reprinted and to be cited from Bull. Herb. boissier ser. 2. 5(1): [78]-88. 30 Dec 1904.

12.639. *Manettiarum pugillus* ... Extrait du Bulletin de l'Herbier Boissier, 2me série. – Tome v (1905). N°3. [Genève]. Oct.
Publ.: 28 Feb 1905, p. [1]-4. *Copies*: B, G, U, US. – Reprinted from and to be cited as Bull. Herb. Boissier ser. 2. 5: 264-267. 1905.
Manettiarum pugillus alter: 31 Aug 1905, p. [i], [1]-5. *Copies*: B, G, U. – Id. ser. 2. 5: 832-836. 1905.

12.640. *Plantarum novarum* vel minus cognitarum *diagnoses* ... [Tiré à part du "Bulletin de l'Herbier Boissier", seconde série. Année 1905. – Tome v. – N°7. [Genève]. Oct.
[*1*]: 30 Jun 1905, p. [i], [1]-5. *Copies*: B, G, U, US. – Reprinted and to be cited from Bull. Herb. Boissier ser. 2. 5(7): 700-704. 1905.
2: 30 Nov 1905, p. [6]-12. *Copies*: B, G, U, US. – Id. 5(12): 1164-1170. 1905.

12.641. *Alphabetical list of nomina conservanda* (Phanerogamae). Royal Botanic Gardens, Kew 1921. Oct.
Publ.: soon after 2 Dec 1921 (printer's mark), p. [321]-326. *Copy*: US. – Reprinted and to be cited from Bull. misc. Inf. Kew 1921(9): [321]-326.

12.642. *The nomenclature of plant families* ... Extracted from The Journal of Botany ... 1922. Oct.
Publ.: Mar 1922, cover, p. [69]-73. *Copy*: US. – Reprinted and to cited from J. Bot. 60: [69]-73. Mar 1922.

12.643. *Notes on Theaceae* ... Extracted from The Journal of Botany ... 1923. Oct.
[*1*]: Jan 1923, cover, p. [17]-19. *Copy*: US. – Reprinted and to be cited from J. Bot. 61: [17]-19. 1923.
2: Mar 1923, cover, p. [83]-85. *Copy* US. – Id. 61: [83]-85. 1923.

12.644. *Preliminary report on the botany of Captain Dowding's Columbian Expedition*, 1898-99 ... From the Transactions of the Botanical Society of Edinburgh 1905. Oct.
Publ.: 1905, cover-t.p., p. 425-436. *Copies*: B, US. – Reprinted and to be cited from Trans. bot. Soc. Edinburgh 22: 425-436. 1905. – Sprague was the botanist of this expedition to Venezuela and Columbia, 1898-1899, led by Captain H.W. Dowding, R.N. Collections at K.

12.645 *Bignoniaceae americanae novae* ... [Tiré à part du "Bulletin de l'Herbier Boissier". Seconde série. Année 1906. – Tome vi. – N° 5. Genève]. Oct.
Publ.: 30 Apr 1906, p. [1]-6. *Copies*: B, G, U, US. – Issued as and to be cited from Bull. Herb. Boissier ser. 2. 6(5): 371-376. 1906.

12.646. *A revision of Acridocarpus* ... Reprinted from the "Journal of Botany" [London] for June, 1906. Oct.
Publ.: Jun 1906 (in journal), p. [1]-16. *Copies*: B, M. – Reprinted and to be cited from J. Bot. 44: 192-207. 1906.

12.647. *The Triumfettas of Africa* ... Extracted from the Linnean Society's Journal-Botany ... 1909. Oct.
Co-authors: John Hutchinson (1884-1972).
Publ.: Oct 1909, p. [231]-276. *Copy*: NY. – Reprinted and to be cited from J. Linn. Soc. Bot. 39: [231]-276. 1909.

12.648. *The genus Nautilocalyx* ... London (printed for His Majesty's Stationary Office, ...) 1912. Oct.
Publ.: shortly after 25 Apr 1912 (printer's mark), cover-t.p., p. [85]-90. *Copy*: US. – Reprinted and to be cited from Bull. misc. Inf. Kew 1912(2): [85]-90.

12.649. *Proposed alterations in the International Rules* ... Extracted from The Journal of Botany ... 1924]. Oct.
Publ.: Jul 1924, p. [196]-198. *Copy*: US. – Reprinted and to be cited from J. Bot. 62: [196]-198. 1924.

12.650. *The classification of dicotyledons* ... Extracted from The Journal of Botany ... 1925.
1 (*General principles*): Jan 1925, p. [9]-13. *Copy*: US. – Reprinted and to be cited from The Journal of Botany 63: [9]-13. 1925.
2 (*Evolutionary progressions*): Apr 1925, p. [105]-113. *Copy*: US. – Id. 63: [105]-113. 1925.

12.651. International Botanical Congress Cambridge (England), 1930 *Nomenclature proposals by British botanists*. London (printed under the authority of his Majesty's Stationary Office ...) 1929. Oct. (*Nom. Prop. Brit. Bot.*).
Publ.: Aug 1929 (printer's mark on p. 3: Aug 1929; listed by J. Briquet, Rec. syn. ii. 1930 as having been received by 1 Sep 1929), p. [1]-203. *Copies*: FAS, U.
Editors (sub-committe on nomenclature, appointed by the Imperial botanical Conference, London 1924): J. Ramsbottom, A.J. Willmott, E.M. Wakefield and T.A. Sprague (convener). This sub-committee published an explanatory note in J.Bot. 67: 338-339. Dec 1929 outlining the standing of the proposals. This note was separately distributed as a one-page pamphlet, Dec 1929.
Standard species of Linnean [sic] *genera of Phanerogamae* (1753-54). By A.S. Hitchcock and M.L. Green, on p. 111-195. This list constitutes a choice of lectotypes of Linnaean generic names which was in accordance with the Linnaean protologues as closely as possible. In cases of conflict with the earlier choice of such types by Britten and Brown (1913, see TL-2/778) the choices by Hitchcock or Green may have to be accepted. See our note in TL-2/1: 334; the Britton and Brown choices may sometimes have to be rejected (on the basis of automatic selection), but not always. In other cases they may be perfectly in accordance with the ICBN.
Note: For Sprague's own idea on nomenclature in 1929, aiming at a reconciliation of the "International Rules" and the "American Code", see e.g. his presentation at the Ithaca Botanical Congress (17 Aug 1926) in Proc. [Ithaca] Intern. Congr. Pl. Sci. 2: 1422-1426. 1929. He summed up the results reached at Cambridge (1930) in Rep. Bot. Exch. Cl. Brit. Isl. 1932: 300-313.

12.652. *Principles and problems of plant nomenclature* ... Reprinted from Proceedings of the International Congress of Plant Sciences ... 1929. Oct.
Publ.: 1929, p. [1422]-1426. *Copy*: FAS. – Reprinted from Proc. Int. Congr. Pl. Sci. 2: [1422]-1426. 1929.

12.653. *The herbal of Leonhart Fuchs* ... Extracted from the Linnean Society's Journal-Botany, ... 1931. Oct.
Co-author: Ernest Nelmes (1895-1959).
Publ.: 9 Oct 1931, cover-t.p., p. [545]-642. *Copies*: FAS, US. – Reprinted and to be cited from J. Linn. Soc., Bot. 48: [545]-642. 1931.

12.654. *Botanical terms in Pliny's natural history* ... [Reprinted from Kew] Bulletin of miscellaneous Information ... 1933. Oct.
Publ.: Feb 1933 (printer's mark), cover-t.p., p. 1-10. *Copies*: FAS, US.

12.655. *Plant nomenclature* ... Arbroath (T. Buncle & Co., ...) 1933. Oct.
Publ.: Aug 1933, cover.t.p., p. [300]-313. *Copy*: FAS. – Reprinted and to be cited from Rep. Bot. Exch. Club Brit. Isl. 1932: [300]-313. 1933.

12.656. *The gender of generic names*: a vindication of Article 72(2) ... Reprinted from the Kew Bulletin, Nos. 6-9, 1935. Oct.
Publ.: Aug 1935 (printer's mark on p. [13]), cover-t.p., p. 1-12 [13]. *Copies*: FAS, U. – Reprinted or preprinted from Bull. misc. Inf. Kew 1935(6-9): 545-557.

12.657. *Synopsis of proposals* concerning nomenclature submitted to the Sixth International Botanical Congress Amsterdam 1935 prepared on behalf of the Executive Committee of the Congress and the Executive Committee of Nomenclature ... Cambridge (printed at the University Press [1935]. Oct. (*Syn. prop.*).
Publ.: Jul 1935 (see *Prelim. opin.* 1935, p. 1), cover-t.p., p. [1]-80. *Copies*: B, BR, FAS, G, U, USDA. – For T.A. Sprague, ed., Additions and amendments to the International rules of botanical nomenclature, contributed by Sprague and 11 other British and U.S. botanists, see Bull. misc. Inf. Kew 1935(2): 65-92 with errata sheet.

12.658. *Preliminary opinions* concerning nomenclature proposals submitted to the Sixth International Botanical Congress Amsterdam 1935 collated on behalf of the Executive Committee of the Congress and the Executive Committee of Nomenclature ... Cambridge (printed at the University Press) [1935]. Oct. (*Prelim. opin.*).
Publ.: 1 Sep 1935 (distributed at the Congress, 2-7 Sep 1935), cover-t.p., p. [1]-28. *Copies*: B, BR, FAS, G.

12.659. *Subsection for Nomenclature* reprint from: Proceedings Sixth International Botanical Congress Amsterdam, 2-7 September, 1935 vol. I. p. 333-383. Leiden (E.J. Brill) 1936. Oct.
Publ.: 1936, cover-t.p., p. [333]-383. *Copies*: FAS, U. – Reprinted and to be cited from *Proceedings* as noted on cover.
Note: The turbulent years after 1935 prevented Sprague and the Editorial Committee appointed at Amsterdam (H. Harms, B.P.G. Hochreutiner, T.A. Sprague) to publish the "Rules" as modified by the Amsterdam Congress. Sprague published a mimeographed "*International rules of botanical nomenclature supplement*, embodying the alterations made at Amsterdam in 1935" 27 unnumbered pages, p. [2] signed Cheltenham, April 1948, for the Utrecht Conference on Botanical Nomenclature, 14-19 Jun 1948. *Copies*: FAS, U. – See also ICBN 1972 (Regnum vegetabile 82) p. 395-396 under no. 6, for a republication of this document in Chron. bot. 12(1/2): 65-88. 1950. In the meantime W.H. Camp, H.W. Rickett and C.A. Weatherby had published an unofficial version of the "Rules", also embodying the Amsterdam changes, in Brittonia 6(1): 1-120. 1947 (reprinted by Chronica Botanica Co. 1948).

12.660. *Boerhaave as a botanist*, ... Overgedrukt uit het Nederl. Tijdschrift voor Geneeskunde ... 1938. Oct.
Publ.: 1 Oct 1938, cover-t.p., p. [3]-4. *Copy*: FAS. – Reprinted and to be cited from Ned. Tijdschr. Geneesk. 82(40): [3]-4. 1938.

12.661. *The herbal of Valerius Cordus* ... Extracted from the Linnean Society's Journal-Botany, ... 1939. Oct.

Publ.: Jan 1939, p. [1]-113. *Copy*: NY. – Reprinted and to be cited from J. Linn. Soc., Bot. 52: [1]-113. 1939.

12.661a. *International rules of botanical nomenclature supplement*, embodying the alterations made at Amsterdam in 1935 ... [Utrecht, 1948]. (*Int. rules bot. nomencl. suppl.*).
Publ.: Jun 1948, p. [1-27], mimeographed, one-sided. *Copy*: FAS. – One of the documents used at the Utrecht International Conference on botanical nomenclature and taxonomy, Jun 1948. No official revised version of the *Rules* had been prepared after the *Amsterdam Congress*.

Spratt, George (*fl.* 1830), British surgeon-accoucheur; author of popular medical books. (*G. Spratt*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 311; BB p. 285; BM 5: 1993; Desmond p. 577; Jackson p. 201; NI 1882, 1891, 2183; PR 8852, ed. 1: 9827; Rehder 3: 56, 57; Sotheby 716; Tucker 1: 664, 3: 291.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2212. 1878.
Anon., Brit. Mus. gen. cat. print. books 227: 831. 1964.

12.662. *Flora medica*: containing coloured delineations of the various medicinal plants admitted into the London, Edinburgh and Dublin pharmacopoeias; with their natural history, botanical descriptions, medical and chemical properties, &c. &c.; together with a concise introduction to botany; a copious glossary of botanical terms; and a list of poisonous plants, &c. &c. Edited by a member [i.e. G. Spratt] of the Royal College of Physicians, and fellow of the Linnaean [sic] Society; with the assistance of several eminent botanists ... London (Callow and Wilson, ...) 1829-1830, 2 vols. Qu. (*Fl. med.*).
1: 1829 (plates dated from 1 Dec 1827-1 Dec 1829), p. [i*-viii*], [i]-xliv, [1]-230, *82 pl.* (col. liths. auct.).
2: 1830 (plates dated 1 Dec 1828-1 Feb 1829), p. [i]-iv, [1]-332, *106 pl.* (id.).
Copies: HH (192 pl. in all), NY (vol. 1 with 80 pl.), USDA.

12.663. *The medico-botanical pocket-book*, comprising a compendium of vegetable toxicology, illustrated with coloured figures with their botanical descriptions, poisonous effects, treatment, etc. etc. to which is added an appendix, containing practical observations on some of the mineral and other poisons, illustrated with tests ... London (published for the author by John Churchill, ...) [1836]. Oct. (*Med.-bot. pocket-book*).
Publ.: 1836, p. [i]-x, [1]-118, *15 pl.* (col. liths. auct.). *Copies*: NY, USDA.

Spratt, Thomas Abel Brimage (1811-1888), British vice-admiral; member of the mediterranean hydrographical survey. (*T. Spratt*).

HERBARIUM and TYPES: Some material at K (plants collected by Edward Forbes).

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1993; DNB 18: 832-833; Quenstedt p. 408; Rehder 1: 478; Tucker 1: 664, 3: 291.

BIOFILE: Anon., Actes Soc. Linn. Bordeaux 24: 635. 1861 (note on travels); Brit. Mus. gen. cat. print. books 227: 833-834. 1964.
Boase, F., Modern English biography 3: 693. 1965.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 259.12. 1980.
Zittel, K.A. von, Gesch. Geol. Paläont. 312, 408, 548, 558. 1899.

12.664. *Travels in Lycia*, Milyas, and the Cibyratis, in company with the late Rev. E.T. Daniel ... London (John van Voorst, ...) 1847 [1846], 2 vols. Oct. (*Trav. Lycia*).
Co-author (botanist): Edward Forbes (1815-1854), naturalist on the Lycia survey.
1: Dec 1846 (t.p. 1847, but received by Geol. Soc. London between 5 Nov and 31 Dec 1846), p. [i-ii], frontisp., [iii]-xxiv, map, [1]-302, *19 pl.*, (plans, scenes).

2: Dec 1846 (id.), p. [i-ii], frontisp., [iii]-viii, [1]-332, *2 pl.*, 6 maps, etc. *Botany of Lycia* on p. 129-163, by E. Forbes.
Copies: G, NY, PH; IDC 7391.

12.665. *Travels and researches in Crete* ... London (John van Voorst, ...) 1865. Oct. 2 vols. (*Trav. Crete*).
1: 1865, frontisp., p. [i]-xii, [xiii], [1]-387, *7 pl.*, map.
2: 1865, frontisp., p. [i]-ix, [xi], [1]-435, *8 pl.*
Copy: HH.

Sprecher von Bernegg, Andreas (*fl.* 1907-1930), Swiss economic botanist; Dr. phil. Genève 1907; titular professor at the E.T.H. Zürich. (*Sprecher*).

HERBARIUM and TYPES: Unknown. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 312; BFM 2948; BJI 2: 169; MW p. 465 (2 entries); Tucker 1: 664, 3: 291.

BIOFILE: Anon., Cat. gén. livr. impr. Bibl. natl. 176: 916. 1949.

12.666. *Le Ginkgo biloba* L. ... Genève (Imprimerie Atar, S.A., ...) 1907. Oct. (*Ginkgo biloba*).
Publ.: Dec 1907 (p. 2: Oct 1907; Bot. Centralbl. 31 Mar 1908; Nat. Nov. Feb(1) 1908), p. [i-iii], frontisp., [1]-207, [1, contents; 1 err.]. *Copies*: B, G, HH, NY, U, US.

12.667. *Tropische und subtropische Weltwirtschaftspflanzen* ihre Geschichte, Kultur und volkswirtschaftliche Bedeutung ... Stuttgart (Verlag von Ferdinand Enke) 1929-1936, 3 vols. (*Trop. subtrop. Weltwirtsch.-Pfl.*).
1 (Stärke und Zuckerpflanzen): 1929 (p. vi: 28 Sep; NY rd Aug 1929), p. [i]-xv, [1]-438, *pl. 1-3.*
2 (Ölpflanzen): 1929 (p. v: Aug 1929), p. [i]-xv, [1]-339, *pl. 1-3.*
3(1) (Genusspflanzen; Kakao und Kola): 1934 (p. v: Feb 1934; J. Bot. rev. Oct 1934), p. [i]-xi, [1]-264.
3(2) (Kaffee und Guaraná): 1934 (p. vi: Sep 1934; rev. J. Bot. Apr 1935), p. [i]-xi, [1]-286, [287, err.].
3(3) (Der Teestrauch ...): 1936 (p. viii: 1 Dec 1935; rev. J. Bot. Apr 1936), p. [i]-xvi, [1]-432.
3(4) (Die Tabakpflanzen): n.v., ever published?
Copies: BR, HH, NY, USDA.
Ed. 2, vols. 2-3, 1960 and 1962. *Copy*: USDA.
2: 1962, p. [i]-xii, [1]-441. – *Ölpflanzen* by W. Bally with the cooperation of J.D. Ferwerda and A. Morettini.
3: 1960, p. [i]-vii, [1]-315. – *Kaffee* by C. Coolhaas, H.J. de Fluiter, H.P. Koenig.

Spreitzenhofer, G.C. (1835-1883), Austrian savings bank-employee, botanist and plant collector in Vienna. (*Spreitzenhofer*).

HERBARIUM and TYPES: B (in herb. Zool.-bot. Ges. Wien, extant at B), important set also at WU; other material at A, C, E. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 312 (d. 28 Jul 1883); Jackson p. 313; Rehder 1: 449; Tucker 2: xxxvi.

BIOFILE: Anon., Bot. Centralbl. 15: 368. 1883 (d.); Österr. bot. Z. 33: 310. 1883 (d.).
Kanitz, A., Magy. növen. lap. 7: 159. 1883 (d.).
Lack, H.W., Willdenowia 10: 72, 74, 77. 1980 (herb. at B).
Poetsch, J.S. & K.B. Schiedermayr, Syst. Aufz. samenlosen Pfl. xvii. 1872.
Spreitzenhofer, G.C., Verh. zool.-bot. Ges. Wien 26: 92-103. 1877 ("Botanische Reise nach Dalmatien").

12.668. *Beitrag zur Flora der jonischen Inseln*: Corfu, Cephalonia und Ithaca ... Wien (Druck von Adolf Holzhausen) 1878. Oct.
Publ.: Jan-Mar 1878 (ÖbZ 1 Oct 1878; journal publ. before 3 Apr 1878, fide report session Society), p. [1]-26. *Copies*: HH, M. – Reprinted and to be cited from Verh. zool.-bot. Ges. Wien 27: 711-734. 1878.

Sprengel, Anton (1803-1851), German (Prussian-Saxony) botanist; Dr. phil. Halle 1825; habil. ib. 1828; lecturer at the University of Halle from 1829; ultimately volunteer in the Schleswig-Holstein war of 1851; son of K.P.J. Sprengel. (*A. Spreng.*).

HERBARIUM and TYPES: See K.J.P. Sprengel. – Some material from Halle sent by him to BR, K and LG. – A handwritten catalogue of the University Herbarium ca. 1828, by A. Sprengel, is at HAL. – *Letters* to D.F.L. von Schlechtendal and others at HAL.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 334; Barnhart 3: 312 (b. 13 Sep 1803, d. 26 Jan 1851); BM 5: 1994; Herder p. 353; Hortus 3: 1204; Jackson p. 494; KR p. 663; Moebius p. 380; PH 364; PR 5430, 8854-8855, ed. 1: 6009, 9829; Quenstedt p. 408; Rehder 1: 267, 382; SO 617; TL-1/1255, 1266; Tucker 1: 664.

BIOFILE: Anon., Österr. bot. W. 1: 85. 1851 (d.).
Fitting, H., Z. Naturw., Leipzig 69: 343-344. 1897.
Krause, G., Bot. Gart. Halle 2: 65, 66. 1894.
Mägdefrau, K., Gesch. Bot. 240, 297. 1973.
Müller, R.H.W. & R. Zaunick, Friedr. Traug. Kützing 78, 79, 81-83, 295. 1960.
Zittel, K.A. von, Gesch. Geol. Paläont. 781. 1899; Hist. geol. palaeont. 369. 1901.

COMPOSITE WORKS: K.P.J. Sprengel, *Syst. veg.* ed. 16, volumen v sistens indicem generum, specierum et synonymorum auctore A. Sprengel, Göttingen, 7 Jul 1828, see K.P.J. Sprengel.

12.669. *Commentatio de Psarolithis*, ligni fossilis genere ... Halae [Halle] (sumtibus librariae Antonianae) 1828. Oct. (*Comm. Psarolithis*).
Publ.: 1828, p. [1]-42, *1 pl.* (uncol.). *Copies*: G, HH, PH. – The manuscript of this work served as a thesis on which A. Sprengel obtained his doctor's degree at Halle in 1825. Publication, however, took place only in 1828.
Ref.: Anon., Flora 12(1): 97-105. 21 Feb 1829 (review and abstract).
Göppert, H.R., Monogr. foss. Conif. 128. 1850.

12.670. *Tentamen supplementi* ad Systematis vegetabilium, Linnaeani editionem decimam sextam. Dissertatio botanica quam consensu amplissimi ordinis philosophorum halensis pro facultate docendi rite obtinenda die xx. sept. mdcccxxviii publice defendet ... Gottingae [Göttingen] (sumtibus librariae Dieterichianae) [1828]. Oct. (*Tent. suppl.*).
Thesis ed. ("Habilitationsschrift"): 20 Sep 1828, p. [i-iii], [1]-35, [36, theses]. *Copies*: G, NY. – SO 617.
Commercial ed.: Sep 1828, p.[i-iii], [1]-35. *Copies*: B, BR, FAS, G, HH, MO, NY, U, US, USDA. – *Tentamen* ... sextam. Auctore Antonio Sprengel, ... Gottingae (id.) 1828. Oct.
Ref.: Anon., Flora 14(1): Lit. Ber. 7: 105-112. 1831 (rev.).

12.671. *Anleitung zur Kenntniss aller in der Umgegend von Halle wildwachsenden phanerogamischen Gewächse* ... Halle (Eduard Anton) 1848. Oct. (*Anleit. Halle Gewächs.*).
Publ.: 1848 (Flora 28 Jul 1848; Bot. Zeit. rev. 14 Jul 1848), p. [i]-vi, [1]-538, [539, err.; 540 colo.]. *Copy*: B-S. – "... die kaum etwas anderes darstellt, als eine Uebersetzung von Kurt Sprengels Flora halensis .. 1832."
Ref.: Irmisch, Th., Bot. Zeit. 6: 511-517. 14 Jul 1848 (rev.).

Sprengel, Christian Konrad (1750-1816), German (Brandenburg/Prussian) botanist and high school teacher; uncle of Kurt Sprengel; studied theology and philosophy at Halle; teacher at the Friedrichs-Hospital School, Berlin 1774, from 1780 rector of the

Great Lutheran City School at Spandau, teaching natural sciences and languages; pioneer flower biologist. (*C.K. Spreng.*).

HERBARIUM and TYPES: Some material still extant in B-Willd. (D.E. Meyer 1954).

BIBLIOGRAPHY and BIOGRAPHY: ADB 53: 293-296; AG 2(1): 429; Barnhart 3: 312 (b. 21 Sep 1750, d. 7 Apr 1816); BL 2: 169; BM 5: 1994; Bossert p. 379; Dryander 3: 395; DSB 12: 587-591 (many secondary refs.); Frank 3 (Anh.): 99; Herder p. 123; Jackson p. 98; Moebius p. 344, 456 [index]; MW suppl. p. 331; NI 1883; PR 8856-8857, ed. 1: 9830; Rehder 1: 236; TL-1/1256, 1400; TL-2/see J.W. von Goethe.

BIOFILE: Anon., Deut. entom. Z. 1916(2): 229-230; Isis 1: 243-244. 1913 (subscription monument [now in B]).
Ascherson, P.A., Verh. bot. Ver. Brandenburg 35: ix-xiii. 1893, Naturw. Wochenschr. 8: 140-141. 1893 (S. as a floristic botanist and carpologist).
Bastine, W., Jahrb. brandenb. Landesgesch. 12: 121-131. 1961.
Biltz, Mitt. thüring. bot. Ver. ser. 2. 15: 23-29. 1900, 16: 24. 1901.
Engler, A., Notizbl. k. bot. Gart. Mus. Berlin-Dahlem 6(62): 417-420. 1917 (on unveiling memorial).
Faegri, K. & L. v.d. Pijl, The principles of pollination biology 2, 3, 220. 1966.
Fr. Dt., Arnstädter Anzeiger 8 Apr 1941, no. 83, Beilage (*copy*: B).
Frisch, K. v., Naturwissenschaften 31: 223-229. 1943; Biologia 2: 242-245. 1951.
H.B. [Heinrich Biltz?], Flora 2(2): 541-552. 1819 (important original obituary based on personal acquaintance with S.).
Hoffmann, P., Naturw. Wochenschr. ser. 2. 19: 692-695. 1920 (source material).
Kirchner, O., Naturw. Wochenschr. 8: 101-105, 111-112. 1893 (founder of modern flower biology).
Knuth, P., Bot. Jaarb. Dodonaea 5: 42-107. 1893.
Kraus, G., Bot. Gart. Halle 2: 57, 59, 60. 1894.
Lbch., Corr.-Bl. bot. Ver. Irmischia 9: 40-41. 1881 (brief note).
L.H., Der märkische Naturschutz 46: 407-408. 1941 (125. anniv. death).
Mägdefrau, K., Gesch. Bot. 112-115, 121, 269. 1973.
Meyer, D.E., Willdenowia 1(1): 118-125. 1953 (bibl. and biogr. notes; lists secondary literature); Ber. deut. bot. Ges. 80(3): 209-217. 1967 (on C.K. Sprengel and W. Goethe).
Renner, O., Jena. Z. Med. Naturw. 78: 135. 1947.
Sachs, J., Gesch. bot. 397, 448-453. 1875; Histoire bot. 131, 429. 1892.
Strasburger, E., Deut. Rundschau 20(1): 113-130. 1893.
Wichler, G., S.B. Ges. naturf. Freunde Berlin 1935: 305-331. 1936.
Willis, J.C., Natural Science 2: 269-274. 1893.

NOTE: For a recent summary and listing of publications on C.K. Sprengel see L.J. King (DSB 12, 1975); see also D.E. Meyer (1953) and the contemporary obituary by "H.B., Erfurt" in Flora (2: 541-552. 1819). Sprengel also published "*Die Nützlichkeit der Bienen* und die Notwendigkeit der Bienenzucht von einer neuen Seite dargestellt". Berlin (Wilhelm Vieweg) 1811; new edition with preface by August Krause, Berlin (F. Pfennigstorff) 1918, see also A. Engler, Bot. Jahrb. 55 (Lit.): 52. 1919.

HANDWRITING: Willdenowia 1(1): 121. 1953.

EPONYMY: *Sprengelia* J.E. Smith (1794).

12.672. *Das entdeckte Geheimnis der Natur* im Bau und in der Befruchtung der Blumen ... Berlin (bei Friedrich Vieweg dem aeltern) 1793. Qu. (*Entd. Geheimn. Nat.*).
Publ.: 1793 (p. [iv]: 18 Dec 1792), engr. t.p., p. [i-iv], col. [1]-444, p. [1-4, index], *pl. 1-25* (uncol. copp. auct.). *Copies*: BR, Ewan, G, HH, KU, NY, U; IDC 5747.
Facsimile 1: 1893, in series Wissenschaftliche Classiker in Facsimile-Drucken, Band vii, Berlin (Mayer & Müller) 1893, p. [i-viii], col. [1]-444, p. [1-4, index], *pl. 1-25*. *Copies*: B, MO, US.
Facsimile 2: 1972, in series Historiae naturalis classica, tomus xcvii, 3301 Lehre (J.

Cramer), p. [i-x], col. [1]-444, p. [1-4, index], *pl. 1-25*. *Copies*: FAS, G. – ISBN 3-7682-0828-1.

Reprint: 1894, Ostwald's Klassiker der exacten Wissenschaften, 4 vols. nos. 48-51. Leipzig (Wilhelm Engelmann), ed. Paul Knuth (Bot. Zeit. 1 Apr 1894). *Copies*: M, U, Univ. Illinois, UC.

1: 1894, p. [1]-184.

2: 1894, p. [1]-172.

3: 1894, p. [1]-178.

4: 1894, p. [1]-7, *pl. 1-25* [*1, note Knuth*].

Sprengel, Kurt [**Polycarp Joachim**] (1766-1833), German (Prussian) botanist and physician; studied medicine at Halle 1785-1787; Dr. med. ib. 1787; lecturer in forensic medicine and history of medicine at Halle, also practicing medicine 1787; extraordinary professor of medicine 1787-1795; ordinary professor id. 1795-1797; professor of botany 1797-1833. (*Spreng.*).

HERBARIUM and TYPES: Kurt Sprengel's considerable and rich herbarium (21.806 species) came first to his son Anton. After the latter's death, in 1851, it was sold in parts. "Sprengel's herbarium, valuable to some public collection on account of the number of ill-described and wrongly-named specimens which the author of the 16th edition of the "Systema vegetabilium" has made, has been entirely dismembered and sold in small portions to different individuals and institutions." (Seemann). A certain number of families and genera were sold to specialists, so e.g. the Compositae to Schultz-Bipontinus (now through the herbier Cosson at P in the herbier général). The Umbelliferae and Caryophyllaceae went to W, the Cyperaceae (through Boeckeler) to B, the Filices via Kunze to LZ (now destroyed, the grasses to Karl Müller, the Labiatae and Verbenaceae to J.A. Schmidt in Heidelberg, the Orobanchaceae to Fr. Schultz in Bitsch, the Meliaceae, Anonaceae, Melastomataceae, Bombacaceae, Ternstroemiaceae to Sonder (now MEL), the Amaryllidaceae to Schnizlein), the Lichenes to Meisner (BAS or NY). Even after this rigorous impoverishment a considerable portion remained and was acquired in 1853 by Karl Müller in Halle. The Müller-Sprengel herbarium (12.000 species) was bought by Berlin (B) in 1890, and is now no longer extant. A certain number of specimens, however, (240) is in the Willdenow herbarium and the Pteridophytes have also been preserved. Further material is at BP, FI, G, GOET (some lich.), H-Ach (lich.), L (some musci and algae), LD (200, herb. Retzius), LE, PH, PR. According to Urban (1891) the part of the Sprengel herbarium acquired by B in 1890 contained material from Balbis, Baumgarten, Bertero, Besser, Delile, Detharding, Dewey, Forster, Gussone, Lamarck, Ledebour, Moris, Nuttall, Pollini, Rottler, Schiede & Deppe, Schott, Sellow, Sieber, Torrey, Weihe and Zeyher. – *Letters* e.g. at G, HAL.

BIBLIOGRAPHY and BIOGRAPHY: ADB 35: 296-299 (E. Wunschmann); AG 6(1): 531; Backer p. 545; Barnhart 3: 312 (b. 3 Aug 1766, d. 15 Mar 1833); BM 5: 1994-1995, 8: 1233; Bret. p. 277; CSP 5: 783-784, 12: 6957; Dawson p. 779; De Toni 1: cxviii; DSB 12: 591-592 (mainly medical); DTS 1: 286, 6(4): 198-199; Frank 3 (Anh.): 99; GR p. 48, *pl.* [*17*], cat. 72; Hawksworth p. 186; Hegi 4(2): 788, 5(2): 1087; Herder p. 479 (index); Hortus 3: 1204; IF p. 732; IH 1 (ed. 6): 364, (ed. 7): 343, 2: (files); Jackson p. 2, 37, 114, 148; KR p. 663; Krempelh. 2: 4, 138-145; Langman p. 715; Lasègue p. 48, 526; Lenley p. 469 (Torrey corr.); LS 25614-25622; Maiwald p. 27, 96, 147, 196; MD p. 225-227; Moebius p. 164, 456; MW p. 465; Nordstedt p. 29; PR 8860-8880 and see indexes, ed. 1: 9832-9856 (id.); Rehder 5: 817-818; RS p. 143; Saccardo 1: 157, 2: 203; SBC p. 132; SK 1: cxvii, 4: 45; SO 327, 451, 451a, 452, 616, 991a; Stevenson p. 1259; TL-1/1257-1267 and see indexes; TL-2/511, 992, 1462, 3454, 3914, 4693, 4760, and see indexes; Tucker 1: 664-665; Urban-Berl. p. 119, 314, 400, 415; Zander ed. 10, p. 720, ed. 11, p. 821.

BIOFILE: Anon., Bot. Zeit. 6: 359-360. 1848 (ref. to Meurer/Rosenbaum biogr.), 8: 568. 1850 (herb.), 9: 496, 903. 1851 (herb.); Brit. Mus. gen. cat. print. books 227: 843-846. 1964; Cat. gén. livr. impr. Bibl. natl. 176: 921-929. 1949; Flora 16: 288. 1833 (D.F.L. von Schlechtendal succeeds S. at Halle); Neu. Nekrol. Deut. 11: 200-208. 1833.

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Meurer, D., Arch. Pharmacie 103: 115-120. 1848 (biogr. sketch of S. based on J. Rosenbaum's "vita" in Curtii Sprengelii opuscula academica 1844).
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Müller, R.H.W., & R. Zaunick, Friedr. Traug. Kützing 76, 78-81, 83, 90, 98, 101, 164. 1960.
O., Dict. sci. méd., Biogr. méd. 7: 249-250. 1825.
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Wagenitz, G., Index coll. princ. herb. Gott. 159. 1982.
Werner, K., Wiss. Z. Univ. Halle, Math.-Nat. 4(4): 775-778. 1955 (the HAL herbarium was started by Sprengel; a catalogue of 1825 by A. Sprengel mentions 4676 species; private herb. not in Halle).

MAIN BIOGRAPHY AND BIBLIOGRAPHY: G. Kraus, *Der botanische Garten der Universität Halle* 2: 1-87. 1894 (botanical bibl.); for Sprengel's medical works see H. Rohlfs, *Geschichte der deutschen Medicin* 2: 212-279. 1880.

COMPOSITE WORKS: (1) Contributed preface and notes to George Santi, "*Naturhistorische Reise* durch einen Theil von Toscana. Aus dem Italienischen übersetzt von Gerasimus Constantini von Gregorini", Halle (bey Johann Jakob Gebauer) 1797. *Copy*: LZ (Univ. libr.).
(2) Preface to Anton Krocker (1774-1863), *De plantarum epidermide*, Halae 1800.
(3) *Theophrast's Naturgeschichte der Gewächse*. Übersetzt und erläutert von K. Sprengel. Altona (bey Johann Friedrich Hammerich) 1822, 2 parts, 1: [i-viii], [1]-358 and [i, iii],

[1]-427. Facsimile ed. Darmstadt (Wissenschaftliche Buchgesellschaft) 1971 (with [i*-iv*] and [i*-iv*], extra preface matter). – See E.H.F. Meyer, Gesch. Bot. 1: 187-188. 1854 ("sehr flüchtig und sehr frei", quality dubious).
(4) *Memoria O. Swartzii, in* O. Swartz, *Adnotationes botanicae* 1829. – See also his biography of Swartz *in* Nova Acta Leop. 10: xxxiv-xli. 1821.
(5) August Babel, *De graminum fabrica et oeconomia.* Halae 1804 was written by K. Sprengel.
(6) Translated B. Bergius, *Tal om Läckerheter*, 1785, as *Über die Leckereyen* ... mit Anmerkungen von Joh. Reinh. Forster und Kurt Sprengel. Halle (im Buchhandlung des Waisenhauses) 1792, Oct., 1: [i-xvi], [1]-382, [383-384], 2: [i-xvi], [1]-330. *Copy*: NSUB.
(7) Pedanii Dioscorides Anazarbei *de materia medica* ... commentario illustravit Curtius Sprengel. Lipsiae 1829-1830, 2 vols., see E.H.F. Meyer, Gesch. Bot. 2: 112. 1855 (positive judgement), (vol. 1 sent to A.P. de Candolle on 15 Jun 1829; vol. 2 on 7 Aug 1830).
(8) Encontre, Daniel, *Additions à la Flore biblique de Sprengel*, Montpellier 1811.
(9) Biography of C. Linnaeus *in* Biogr. Darstell. merkw. Menschen, Halle, 7: 207-256. 1808; R. Boyle *in* 7: 469-490. 1808; A. v. Haller 8: 33-70. 1809; B. v. Verulam 8: 71-104. 1809.
(10) *Epitome florae indicae* conscriptae a W. Roxburgh, editae a W. Carey, cum notis N. Wallich et C. Sprengel, *in Neue Entdeck.* 3: 66-156. 1822.
(11) Preface to F.G. Dietrich, *Vollst. Lex. Gärtn.* 1802-1810, see TL-2/1466.
(12) Translated Karl Peter Thunbergs, ... *Reisen in Afrika und Asien*, vorzüglich in Japan ... mit Anmerkungen begleitet von Johann Reinhold Forster, ... Berlin (in der Vossischen Buchhandlung) 1792, viii, 230 p.

HANDWRITING: Candollea 33: 403-404. 1978.

EPONYMY: *Curtia* Chamisso et D.F.L. von Schlechtendal (1826); *Sprengelia* J.A. Schultes (1809).

NOTE: (1) Kurt Sprengel was the son of the Berlin teacher, theologian and natural scientist Joachim Friedrich Sprengel whose half-brother was Christian Konrad Sprengel (1750-1816). They were sons of Ernst Victor Sprengel (1686-1759) from different marriages (15 children in all, C.K. Sprengel being the youngest). Anton Sprengel (1803-1851) was a son of Kurt Sprengel; another son, Wilhelm Sprengel (1792-1828), defended a botanical dissertation of which the text was provided by the promotor (his father) and provided illustrations for various publications of K. Sprengel.
(2) Joachim Friedrich Sprengel, Kurt Sprengel's father, wrote a *Vorstellung der Kräuterkunde in Gedächtnisstafeln*, Greifswald 1754. Qu. (n.v.).
(3) Karl (Carl) Sprengel (1787 or 1787-1859), director of the agricultural college at Regenswalde, Pommerania (d. late Apr 1859), wrote "*Meine Erfahrungen im Gebiete der allgemeinen und speziellen Pflanzen-Cultur*, 2 vols., Leipzig (Baumgärtner) 1847-1850, 1: 1847, p. [i]-xii, [1]-345, [346], 2: 1850, p. [i]-xii, [1]-348. *Copy*: USDA.
(4) For a planned *Vollständige Geschichte der Farrenkräuter* see Sprengel in H.A. Schrader, J. Bot. 1801(1): 425-431. This was to be a fully illustrated monograph of the Pteridophyta from "Equisetum to Isoetes". The book was too expensive in war-time and was never realized (G. Kraus 2: 48. 1894).

HANDWRITING: Webbia 32(1): 15. 1977 (no. 30).

12.673. *Antiquitatum botanicarum* specimen primum. Auctore Curtio Sprengelio, ... Lipsiae [Leipzig] (impensis bibliopoli Schaferiani) 1798. Qu. (*Antiq. bot.*).
Publ.: Apr-Nov 1798 (p. viii: Cal. Apr 1798; GGA 10 Dec 1798), p. [i]-viii, [1]-110, *pl. 1-2* (uncol. copp. auct.). *Copies*: B, G, HH, K, NY, USDA; IDC 5748. – Contains: i. *De Violis antiquorum*; ii. *De Quercubus veterum*; iii. *De Cytisis veterum*; iv. *De Lotis veterum*; v. *De Asphodelis*; vi. *De Cancarno*; vii. *De Myrobalanis.*
Ref.: Schrader, H.A., J. Bot. 1799(4): 379-387.

12.674. *Der botanische Garten der Universität zu Halle* im Jahre 1799. Mit einem Grundrisse des botanischen Gartens. Halle (bei C.A. Kümmel) 1800. Oct. (*Bot. Gart. Halle*).

Publ.: Mar 1800 (Sprengel sent a copy to J. Banks on 30 Mar 1800), p. [i]-xxiii, [1]-108, 1 plan. *Copies*: B-S, H.

Erster Nachtrag zu der Beschreibung des botanischen Gartens der Universität zu Halle: 1801, p. [i]-viii, [9]-44. *Copies*: B-S; IDC 7120. – Halle (bei Karl August Kümmel) 1801. Oct.

Further publications: *Neue Pflanzenarten*, ... in H.A. Schrader, J. Bot. 1800(2): 193-200, and *Description of Broteria persica* in Trans. Linn. Soc. London 6: 151-153. 27 Mai 1802 (see also Erster Nachtrag). – On garden see also Gartenzeitung vols. 2 and 3, 1803-1804 and Allg. Lit.-Zeit. 1804(1): i-viii.

12.675. *Anleitung zur Kenntniss der Gewächse*, in Briefen ... Halle (bey Karl August Kümmel) 1802-1804, 3 parts. Oct. (*Anleit. Kenntn. Gew.*).

Ed. [*1*]: 3 parts ("Sammlungen"). *Copies*: B-S, G, H, HH, M, MO, NY, U, USDA; IDC 5229. – See RS p. 143, SY p. 21-22, TL-1.

1 (Von dem Bau der Gewächse ...): 7 Sep 1802, p. [i-xii], [1]-421, [1-6, expl. pl.], *pl. 1-4* (uncol. copp. A.G. Eberhard). *Review*: GGA 1803: 1027-1032. 27 Jun 1803.

2 (Von der Kunstsprache und dem System): 11 Dec 1802, p. [i-vi], [1]-367, [369-372], *pl. 1-4* (id.).

3 (Einleitung in das Studium der kryptogamischen Gewächse): 28 Mar 1804, p. [ii-xviii], [1]-374, *pl. 1-10* (4 as "iii") (id.). – p. [ii] alternative t.p.: "*Einleitung in das Studium der kryptogamischen Gewächse*". – Rev.: H.A. Schrader, Neu. J. Bot. 1(3): 149-160. 1806.

Commentary by Fr. Weber: "*Botanische Briefe* an Herrn Professor Kurt Sprengel zu Halle. Ein Anhang zu seiner Einleitung in das Studium der kryptogamischen Gewächse, für die Besitzer dieses Buchs ..." Kiel (in der neuen academischen Buchhandlung) 1804 (p. 4: Jul 1804; publ. 30 Jul 1804, see SY p. 21, 22, TL-1/1393). *Copies*: G, U.

Reprint: vols. 1 and 2 were reprinted with the imprint "Halle, 1804" (no publisher cited); vol. 3 was reprinted in Vienna (Wien) 1805:

1: 1804, p. [i]-x, [11]-355, [1-5, expl. pl.], *pl. 1-4* (uncol. copp). *Copy*: G. – Halle, 1804". Oct.

2: 1804, p. [i]-iv, [5]-306, [1-4, expl. pl.], *pl. 1-4* (id.). *Copy*: G. – "Halle, 1904".

3: 1805, p. [i]-xii, [13]-322, [1-6, expl. pl.], *pl. 1-10* (id.). *Copies*: G, Stadtbibliothek Wuppertal (through S.G. Greene). – Wien (In Commission bey Franz Grund) 1805. Oct.

English translation of part 3: 1807, p. [i]-viii, [1]-411, *pl. 1-10* (uncol. copp. A.G. Eberhard). *Copies*: MICH, MO, NSW, NY, PH, Stevenson, U, USDA. – "*An introduction to the study of cryptogamous plants*. In letters by Kurt Sprengel, ... translated from the German." London (printed for J. White, ...) 1807. Oct. – Translation by C.D.E. König.

Ed. 2: 1817-1818, 3 parts. "Kurt Sprengel's *Anleitung zur Kenntniss der Gewächse*. Zweite, ganz umgearbeitete Ausgabe ... Halle (bei C.A. Kummel) 1817-1818. Oct. *Copies*: B, BR, G, H, HH, M, MICH, MO, NY, U. – See SY p. 21, 22, RS p. 143, TL-1.

1: 13 Apr 1817, p. [i]-xii, [xiii], [1]-482, *pl. 1-10* (partly col. copp.).

2(1): 20 Apr 1817, p. [i]-xviii, [1]-502, *pl. 1-10*. – "*Übersicht des Gewächsreichs* nach natürlichen Verwandtschaften. Erster Theil." The BR copy has cancels and originals for p. 83/84 and 277-278.

2(2): 31 Mar 1818, p. [i]-xii, [503]-992, *pl. 11-15*. – *Übersicht des Gewächsreichs* ... zweiter Theil".

12.676. *Gartenzeitung* oder Repertorium neuer, gemeinnütziger und wissenwürdiger Dinge in allen Zweigen der Gartenkunst. In Gesellschaft mehrerer practischer Gartenkünstler herausgegeben von Kurt Sprengel, ... Halle (bey Johann Jakob Gebauer) 1804-1806, 4 vols. Qu. (*Gartenzeit.*).

1: 1 Jul 1803-22 Jun 1804 (issues dated), p. [i-vi], [1]-406, *3 pl.* (2 col.).

2: 6 Jul 1804-28 Jun 1805 (id.), p. [1]-416. *3 pl.* (col.).

3: 5 Jul 1805-27 Jun 1806 (id.), p. [1]-416, *1 pl.* (col.).

4: n.v. 1806.

Copy: B-G (1-3).

12.677. Curtii Sprengel ... *Florae halensis tentamen novam* ... Halae Saxonum [Halle] (sumtibus C.A. Kümmelii) 1806. Oct. (*Fl. hal. tent. nov.*).
Publ.: 20 Apr 1806 (Easter Fair 1806; SY p. 29, 50; TL-1), p. [i]-xvi, [1]-420, [1-2, adv., 1 binder], *pl. 1-12* (uncol. copp. J. Sturm). *Copies*: B, BM, BR, G, H, L, MICH, MO, NY(2), PH, US(2), USDA; IDC 5749.
Mantissa prima: 1807, see below.
Mantissa secunda: 1811, see below, as *Observationes botanicae in floram halensem.*
Supplementum tertium: 1815, see F.W. Wallroth, "*Annus botanicus*, sive supplementum tertium ad Curtii Sprenglii Floram halensem". Halae [Halle] (sumtibus Car. Aug. Kümmelii) 1815. Oct. – For a further continuation see F.G. Wallroth, *Schedulae criticae de plantis florae halensis selectis*, 1822.
Ed. 2: *Flora halensis* ed. 2, 2 vols. 1832, see below.
Additions on lichens: *Lichenes florae halensis etiam nunc neglecti*, in *Neue Entdeck. 1*: 213-232. 1820, and *Species plantarum minus cognitae*, ib. 2: 95. 1821.
Ref.: Garcke, C.A.F., Fl. Halle 1: xi, xiii. 1848.

12.678. Curtii Sprengel *Mantissa prima florae halensis*, addita novarum plantarum centuria. Halae [Halle] (apud C. Kümmelium) 1807. Oct. (*Mant. prim. fl. hal.*).
Publ.: 4 Jul 1807 (SY p. 31; TL-1), p. [i], [1]-58. *Copies*: BR, G, H, HH, M, MO, NY(2), UC, US(2), USDA; IDC 5749. The text of the *first* part, p. [1]-26 contains the *Observationes botanicae in floram Halensem*, Halle 11 Apr 1807, by C.L. Jungk, see TL-2/3454. This text was used by Jungk as thesis, but its contents must be ascribed to Sprengel. We saw no copy of the original dissertation. For a review see H. Schrader, Neu. J. Bot. 3: 194-198. 1809.
The text of the *second* part, p. 27-58 contains the *Plantarum novarum ex herbario Sprengelii centuriam* which was published earlier separately as a dissertation by J.F.T. Biehler, see TL-2/511, see e.g. M.L. Fernald, Rhodora 47: 197-198. 1945, under the half-title *Novarum plantarum ex herbario meo centuria.* We saw no copy of the original dissertation.

12.679. *Index plantarum* quae in horto botanico halensi anno 1807 viguerunt. [Halle] (Literis Jo. Jac. Gebauer) [1807]. Oct. (*Index pl.*).
Publ.: Dec 1807 (probably; p. [viii]: 13 Nov 1807; no date on t.p.), p. [i-viii], [9]-64. *Copy*: B-S. – 2713 species mentioned.

12.680. Curtii Sprengel *Historia rei herbariae* ... Amsteldami [sic] [Amsterdam] (sumtibus Tabernae librariae et artium) 1807. 2 vols. Oct. (*Hist. rei herb.*).
1: Dec 1807 or Jan 1808 (t.p. 1807; Koninklijke Courant (official) rd 1-6 Feb 1808; Royal Library, the Hague 3 Feb 1808; announcement at Michaelismesse 1807), p. [i]-xv, [1]-534.
2: 1 Aug-17 Sep 1808 (t.p. 1808; Sprengel sent a copy to A.P. de Candolle on 17 Sep 1808; received by the official registrar, Koninklijke Courant 12-17 Jun 1809; rd by Royal Library, the Hague 17 Jun 1809), p. [i]-xviii, [xviii, err.], [1]-574.
Copies: BR, G, H-UB, HH, KU, MICH, MO, PH.
Other issue: 1808 (both volumes), Parisiis et Argentorati (apud Treuttel et Würtz Bibliopolas), Amstelodami (in Taberna Libraria et artium). Oct. *Copies*: B, NY.
1: 1808, p. [i*-ii*], [i]-xv, [1]-534.
2: 1808, p. [i]-xvii, [xviii], [1]-574.
French extract: 1809, *Extrait* d'un ouvrage de M. Kurt Sprengel, sur *l'histoire de la botanique*; par A.L. Millin, Paris (de l'imprimerie de J.B. Sajou, ...) 1809, 28 p. (from Mag. Encycl. Aug 1809). *Copy*: NY.

12.681. Caroli Linnaei *Philosophia botanica*, in qua explicantur Fundamenta botanica cum definitionibus partium, exemplis terminorum, observationibus rariorum, adjectis figuris aeneis. Editio quarto, studio Curtii Sprengel. Halae ad Salam [Halle] (sumtibus Car. Aug. Kümmel) 1809. Oct. (*Phil. bot. ed. Sprengel*).
Publ.: Mai 1809 (p. vi: 20 Apr 1809; Sprengel sent a copy to J.E. Smith on 21 Mai 1809), p. [i]-viii, [1]-518, [1, err.], *pl. 1-9* (uncol. copp. W. Sprengel). *Copies*: M, MO(2), U, US, USDA. – SO 451; see also TL-2/4760 (13). – Additions by S. in parentheses; rev. H.A. Schrader, Neu. J. Bot. 4(1, 2): 228-236. 1810.

New ed.: 1824, p. [i]-xxvi, [1]-420, *pl. 1-9* (id.), table, [421]-471, [472]. *Copies*: MO(2), PH, U, USDA. – "Caroli Linnaei *Philosophia botanica*, in qua explicantur botanices fundamenta, studio Curtii Sprengel; editio aucta et emendata. Tornaci Nerviorum [Tournay; Doornik] (e typis Caroli Casterman-Dieu) 1824. Oct. (in fours). – SO 452. This edition was amended and edited by J.G.S. van Breda (1788-1867). See p. [v-vi] and also TL-2/4760(14).

12.682. Curt. Sprengel, ... *Observationes botanicae in floram halensem.* Mantissa secunda. Halae [Halle] (sumtibus Kümmelii) 1811. Oct. (*Observ. bot. fl. hal.*).
Publ.: 15 Aug-29 Sep 1811 (SY p. 31, 41; TL-1), p. [i]-iv, [5]-31. *Copies*: BR, G, HH, M, MO, NY(2), UC, US(2), USDA. – Mantissa secunda to K. Sprengel, *Fl. hal. tent. nov.* 1806. For third supplement see F.W. Wallroth, *Annus botanicus* 1815.

12.683. Kurt Sprengel, von dem *Bau und der Natur der Gewächse* ... Halle (bey K.A. Kümmel) 1812. Oct. (*Bau Nat. Gew.*).
Publ.: 1812 (announced Jubilatemesse Leipzig 1811), p. [i]-ix, [x, err.], [1]-654, *pl. 1-14* (pp. col. copp. by W. Sprengel). *Copies*: B, G, M, NY.
Additions: "Heinrich Friedrich Link's, ... *Kritische Bemerkungen und Zusätze* zu Kurt Sprengel's Werk über den Bau und die Natur der Gewächse". Halle (bei Carl August Kümmel) 1812, p. [i], [1]-59, [60]. *Copies*: G, M, NY; IDC 5479. – See TL-2/4693 (the plates mentioned belong to Sprengel's work).
Swedish transl.: 1820 (p. viii: 1 Jun 1820), "*Om växternas byggnad och natur* ... Öfversättning af H.M. Rönnow med företal af ... C.A. Agardh." n.v. Upsala (Palmblad & c.) 1820. Oct. – p. [i]-viii, [1]-152, [1-7], *pl. 1-5* (p.p. col.). *Copies*: H-UB, HH, LD, Peterson.

12.684. Curtii Sprengel ... *Dissertatio de Germanis*, rei herbariae patribus. [Denkschr. k. Akad. Wiss. München 1811-1812. München (auf Kosten der Akademie) 1812]. Qu.
Publ.: 1812, in Denkschr. Akad. Wiss. München 1811-1812: 185-216. 1812 (sic: issue Denkschriften dated 1812). – Germany is stated to have been the birthplace of botany through the fathers of botany; lists "new plants" of the "fathers".
Reprint: 1813, München (G. Franz), fide PR 8868.

12.685. *Plantarum umbelliferarum denuo desponendarum prodromus* ... Halae (typis Hendelianis) 1813. Oct. (*Pl. umbell. prodr.*).
Publ.: 1813, p. [2]-42, *1 pl.* (uncol. copp. "Sprengel"). *Copies*: B-S, G, HH, KNAW, M, MO, NY, PH, USDA; IDC 5166. – Issued in Neue Schr. naturf. Ges. Halle 2(1): 3-42. 1813; copies with pagination [3]-42, lack the journal t.p. [2].
Other Sprengel publications on Umbelliferae:
(1) *In Umbelliferarum genera quaedam animadversiones*, Comm. Soc. R. Sci. Gott. rec. 2: 1-8, *1 pl.* 1813.
(2) *Umbelliferarum genera quaedam melius definita*, Mag. Ges. naturf. Fr. Berlin 6: 255-261. 1814.
(3) *Genera nonnulla plantarum ex Umbellatarum ordine*, Verh. bot. Maatsch. Wet. Haarlem 7: 121-132, *pl. 5.* 1814. – 29 genera.
(4) *In Umbelliferas nonnullas animadversiones*, Mém. Soc. natural. Moscou 5: 3-13. 1817.
(5) *Species Umbelliferarum minus cognitae illustratae*, Halle 1818, see below.
(6) *Symbolae criticae ad synonymiam Umbelliferarum*, Denkschr. k. bayr. bot. Ges. Regensburg 1: 75-103. 1815, 2: 49-54. 1818.
(7) *Umbelliferae*, *in* Roemer et Schultes, Syst. veg. 6: 315-628. Aug-Dec 1820. – Sprengel refers to this contribution in a letter to A.P. de Candolle of 15 Mai 1820 as his "Synopsis Umbelliferarum" which will be sent as soon as it is ready.

12.686. *Plantarum minus cognitarum pugillus* primus [secundus] ... Halae [Halle] (apud C.A. Kümmelium) 1813-1815, 2 parts. Oct. (*Pl. min. cogn. pug.*).
1: 1813, p. [i-vi], [1]-66, [67-70 index].
2: 1815, p. [i-xi], [1]-96.
Copies: B-S, BM, G, HH, M, NY, USDA; IDC 701. – "Die zahlreichen Sprengelschen Namen sind heutzutage fast alle Synonyme" (G. Kraus 1894, 2: 47).

12.687. *Genera nonnulla plantarum ex Umbellatarum ordine*, illustrata et revisa; ... [Nat. Verh. Holl. Maatsch. Wet. Haarlem 1814]. Oct.
Publ.: 1814, *in* Nat. Verh. Holl. Maatsch. Wet. Haarlem 7(1): [121]-132, *pl. 5*. 1814. Tear-sheet *copy*: MO.

12.688. Curtius Sprengel, ... *Prolusione hac de frumentorum, maxime secales, antiquitatibus* disputationem publicam filii Gulielmi Sprengel, ... eiusque promotionem d. xx. April. [1816], a hora ix. inde, in auditorio maiori habendam indicit. Halae [Halle] (formis Friderici Grunerti filii) [1816]. Qu. (*Prolus. frument. antiq.*).
Authorship: Wilhelm Sprengel (1792-1828) defended this dissertation; the text was by K. Sprengel.
Publ.: 20 Apr 1816, p. [i], [1]-8. *Copies*: MO, NY, WU.
Later ed. in J. Rosenbaum, ed., C. Sprengelii ... *Opuscula academica* 42-46. 1844 (2 parts only).

12.689. Kurt Sprengel's *Geschichte der Botanik*. Neu bearbeitet. In zwey Theilen ... Altenburg und Leipzig (F.A. Brockhaus) 1817-1818, 2 parts. Oct. (*Gesch. Bot.*).
1: 1817, p. [i-viii], [1]-424, *pl. 1-8* (col. copp. W. Sprengel).
2: 1818, p. [i-viii], [1]-396; the Geneva copy contains the originals as well as the cancels for p. 275/276, 277-278, 299-300, 323-324, plus a "Nachricht" of 1 p. from the publisher.
Copies: B, BR, G, H-UB, HH, M, MICH, MO, NY, U-UB.
French transl.: 1832, 2 vols. *Histoire de botanique* depuis son origine jusqu'au 19me siècle, traduit de l'Allemand sur la seconde édition par A.J.L. Jourdan. Paris.
Ref.: Jessen, K.F.W., Bot. Gegenw. Vorzeit 362. 1864.
Sachs, J., Gesch. Bot. 135-136. 1875.

12.690. *Species Umbelliferarum minus cognitae*, illustratae a C. Sprengel ... Halae [Halle] (in Officina Rengeriana) 1818. Qu. (*Sp. Umbell.*).
Publ.: spring 1818 ("printemps passée", fide C. Sprengel in letter to A.P. de Candolle 17 Dec 1818; rev. Isis 1818(2): 1545-1547. Nov 1818), p. [i]-x, [1]-154, *pl. 1-7* (uncol. copp. C.W. Herschel). *Copies*: B-S, G, H-UB, M, MO, NY, PH, Teyler, U, US, USDA, WU; IDC 7138.
Ref.: Anon., Flora 3(2): 495-503. 28 Aug 1820 (rev.).

12.691. *Jahrbücher der Gewächskunde*. Herausgegeben von K. Sprengel, A.H. Schrader und H.F. Link. Erster Band. Berlin und Leipzig (in G.C. Nauck's Buchhandlung) [1818-] 1820. †. (*Jahrb. Gewächsk.*).
Co-editors: Adolph Heinrich [usually: Heinrich Adolph] Schrader (1767-1836), [Johann] Heinrich Friedrich Link (1767-1851).
Publ.: one volume only, published in three Hefte. *Copies*: B-S, G, NY, PH, Teyler; IDC 1013.
1: 1818 (p. iv: 30 Mar 1818), p. [i]-vi, [1]-191, *pl. 1*.
2: 1819, p. [1]-197, [198, err.; 199-200, cont.], *pl. 1*.
3: 1820, p. [i*, iii*-viii*, preface material volume], [1]-184, *1 pl.*

12.692. *Novi proventus hortorum academicorum halensis et berolinensis*. Centuria specierum minus cognitarum, quae vel per annum 1818 in horto halensi et berolinensi floruerunt, vel siccae missae fuerunt ... Halae [Halle] (impensis Gebaueri et filii) [1818]. Oct. (*Novi provent.*).
Publ.: Dec 1818 (fide letter K. Sprengel to A.P. de Candolle 17 Dec 1818; Kraus also dates this 1818, PR 1819), p. [1]-48. *Copies*: G, USDA; IDC 7301. – RS p. 143.

12.693. *Narcissorum conspectus*, auctore C. Sprengel. s.l. 1820. Oct. (*Narciss. consp.*).
Publ.: 1820, p. [1]-32. *Copy*: G. – Preprinted from K. Sprengel Neue Entd. 2: 1-32. 1821.

12.694. A.P. de Candolle's und K. Sprengel's *Grundzüge der wissenschaftlichen Pflanzenkunde*. Zu Vorlesungen ... Leipzig (bey Carl Cnobloch) 1820. Oct. (*Grundz. wiss. Pflanzenk.*).
Publ.: 1820 (Flora 7 Oct 1820), p. [i]-viii, [1]-"116" [$_6$11], [612, colo.], *pl. 1-8* (uncol. copp. W. Sprengel). *Copies*: B, G, NY, U. – A Sprengel version and translation of A.P.

de Candolle, *Théorie élém. bot.* 1813; see our entry TL-2/992 for de Candolle's reaction to this publication: "... un livre vraiment absurde".

English translation: 1821, *Elements of the philosophy of plants*: containing the principles of scientific botany; nomenclature, theory of classification, phytography; anatomy, chemistry, physiology, geography, and diseases of plants: with a history of the science, and practical illustrations ..." Edinburgh (printed for William Blackwood and T. Cadell, Strand, London) 1821. Oct., p. [i]-xxxiii, [xxxiv, err.], [1]-486, *pl. 1-8* (uncol. W.H. Lizars). *Copies*: G, HH, MICH, NY, PH, U (Inst. Gesch. Natuurw.); see also sub TL-2/992.

Facsimile ed. Engl. transl.: 1978, New York (Arno Press), ISBN 0-405-10719-6.

Note: See G. Kraus (2: 45. 1894) for a note on A.P. de Candolle's reaction to this one-sided initiative by Sprengel. A review of the English translation will be found in Monthly Review ser. 2. 96(2): 180-195. Oct. 1821.

12.695. *Neue Entdeckungen im ganzen Umfang der Pflanzenkunde*, Leipzig (bey Friedrich Fleischer) 1820-1822, 3 vols. Oct. (*Neue Entd.*).

1: Jan-Mai 1820 (Beck Mai-Jun 1820; SY p. 65), p. [i]-iv, [1]-452, *pl. 1-3* (uncol. copp. W. Sprengel).

2: Jan 1821 (noted by Flora 14 Jan 1821, Flora 4 Jan-Jun 1821), p. [i-vi], [1]-363, [364, colo.], *pl. 1-3* (id.).

3: 1822, p. [i-v], [1]-409, [410, colo.].

Copies: B, B-S, BR, G, H, HH, MICH, MO, NY, Teyler, U, US; IDC 5751.

12.696. *Wikströmia*, novum plantae genus; ... [K. Sv. Vet.-Akad. Handl. 1821]. Oct.

Publ.: post Mai 1821, p. [1-2], *1 pl. Copies*: M, Peterson. – Reprinted and to be cited from K. Sv. Vet.-Akad. Handl. 42: 167-168, *pl. 3*. 1821.

12.697. *Description de deux genres nouveaux*; par le professeur Curt. Sprengel, de Halle. [Bull. Soc. philom. Paris 1823]. Qu.

Publ.: Apr 1823 (journal issue for Apr 1823), p. [1]-2, *2 pl. Copy*: G. – Reprinted and to be cited from Bull. Soc. philom. Paris 1823: 54-55, *2 pl.* Apr 1823. – *Reichenbachia* and *Delilia*.

12.698. Caroli Linnaei, ... *Systema vegetabilium*. Editio decima sexta curante Curtio Sprengel, ... Gottingae [Göttingen] (sumtibus Librariae Dieterichianae) [1824-] 1825-1828. Oct. (*Syst. veg.*).

1: late 1824 (t.p. 1825; Flora 7 Mai 1825 critical review 18(1): 269-271; rev. Beck 28 Feb 1825), p. [i]-vi, [1]-992.

2: Jan-Mai 1825 (GGA 2 Jun 1825), p. [i], [1]-939, [940, colo.].

3: Jan-Mar 1826 (Flora rev. 14 Nov 1826; Linnaea rev. Apr 1826), p. [i, iii], [1]-936.

4(1): shortly before 7 Jan 1827 (t.p. 1827; Flora rev. 7 Jan 1827), p. [i, iii], [1]-592.

4(2): Jan-Jun 1827 (Linnaea Aug-Oct 1827; rev. Beck Jul 1827), p. [i], [1]-410. – "Curae posteriores". Heinrich Schott (1794-1865) contributed *Fasciculus plantarum brasiliensium* on p. 403-410.

5 (index): 7 Jul 1828 (Linnaea Oct 1828; rev. Beck Jul-Aug 1828; A. Sprengel sent a copy to A.P. de Candolle on 21 Jul 1828, out 2 weeks earlier), p. [i], [1]-749, [750, err.]. – "Volumen v. sistens indicem generum, specierum et synonymorum, auctore Antonio Sprengel" (1803-1851).

Tentamen supplementi Sep 1828, p. [i-iii], [1]-35. Author: Anton Sprengel, q.v. Also published as "Habilitationsschrift".

Copies: B, BR, FAS, G, HH, MO, NY, PH, U, US(2), USDA; IDC 459/2. – SO 616; MD 225-227 (further inf. dates; analytical collation).

Ref.: Anon., Flora 8(1): 269-271. 1825, 8(2): 641-674. 1825, 12: 702-704. 1829. Stafleu, F.A., The great Prodromus 11. 1966.

12.699. Caroli Linnaei, ... *Genera plantarum*. Editio nona, curante Curtio Sprengel, ... Gottingae [Göttingen] (sumtibus Dieterichianis) 1830-1831, 2 vols. Oct. (*Gen. pl.*).

1: Sep 1830 (Linnean Soc. rd 9 Nov 1830; Bull. Férussac Nov 1830; publ. Sep 1830 fide Int.-Bl. Jena. Allg. Lit. Zeit. 27: 439. 1830), p. [i], [1]-462.

2: Jan-Mai 1831 (Linnean Soc. rd 12 Jul 1831; Bull. Férussac Jun 1831), p. [i]-iv, 463-870.
Copies: B, G, HH, MO, U, US, USDA; IDC 229. – SO 327. For Linnaeus, Gen. pl. see TL-2/4714.

12.700. Curtii Sprengel *Flora halensis*. Editio secunda aucta et emendata ... Halae [Halle] (sumtibus Kümmelii) 1832. Oct. (*Fl. hal.*).
1 (sectio i. phanerogamica): 3 Jun 1832 (Flora Jul-Aug 1832: ready by 3 Jun 1832; Pharm. Centralbl. 8 Sep 1832), p. [i-iv, [1]-433, [434, colo.].
2 (sectio ii. cryptogamica): Aug-Sep 1832, p. [i-ii], [435]-763.
Copies: B-S, G, HH, Y, U, US, USDA. – The general t.p. is sometimes bound as [ii], facing the t.p. of sect. 1 [iii]. Two issues: on "Schreibpapier" and on "Schweizerpapier". – For first edition see above *Fl. hal. tent. nov.* 1806.
Ref.: Anon., Flora 16(1), Lit. 3: 35-48. 1833 (rev.).
Garcke, C.A.F., Fl. Halle 1: xi, xiii. 1848.

12.701. Curtii Sprengelii ... *Opuscula academica* collegit, edidit, vitamque auctoris breviter enarravit Julius Rosenbaum, ... Lipsiae [Leipzig] (in taberna Gebaueriana) Viennae [Wien]. Oct. (*Opusc. acad.*).
Editor: Julius Rosenbaum.
Publ.: 20-23 Mar 1844 (Hinrichs), p. [i]-xx, [1]-155, [156]. *Copies*: NSUB,U-UB. – Contains an important biographical sketch of Sprengel by Julius Rosenbaum on p. vii-xii, a bibliography on p. xii-xviii, commentaries on the opuscula and reprints of 25 mainly medical papers.

Spribille, Franz Joseph (1841-1921), German (Silesian) botanist; studied theology and classical philology at Breslau 1861-1866; in various positions in the Silesian school system from 1868; teacher at the gymnasia at Schrimm and Inowrazlaw until 1907; professor's title 1897; in retirement in Breslau 1908-1921. (*Sprib.*).

HERBARIUM and TYPES: Some material in B (mainly destr.) (e.g. *Rosa*), BR, and GOET.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 312 (b. 29 Jan 1841, d. 13 Jan 1921); BFM 186, 187; Futak-Domin p. 558; IH 2: (files); LS 25624; Rehder 5: 818; Tucker 1: 665; Urban-Berl. p. 400.

BIOFILE: Anon., Allg. bot. Z. 3: 56. 1897 (prof. title); Bot. Monatschr. 15: 60. 1897 (prof. title); Nat. Nov. 19: 156. 1897 (app. Inowrazlaw); Verh. bot. Ver. Brandenburg 63: 124. 1922 (d.).
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Pax, F., Bibl. schles. Bot. 23, 46, 47, 72, 149. 1929.
Wagenitz, G., Index coll. princ. herb. Gott. 1982.

12.702. Königliches Gymnasium zu Inowrazlaw. xx. Zu der den 20. März Vormittags 11 Uhr stattfindenden Vorfeier des Geburtstags Sr. Majestät des Kaisers und Königs ... ladet ergebenst ein das Lehrer-Collegium. Inhalt 1. *Flora von Schrimm* nebst einem Beitrag zur Flora von Inowrazlaw ... 2. Schulnachrichten ... Inowrazlaw (Druck von H. Olawski) Progr. Nr. 136. 1883. Qu. (*Fl. Schrimm*).
Publ.: 2-19 Mar 1883 (p. 21: 2 Mar 1883; "Feier" 20 Mar 1883; Nat. Nov. Mai(1) 1883; Bot. Centralbl. 9-13 Jul 1883; Bot. Zeit. 29 Jun 1883), p. [i], [1]-21 (followed by Schulnachrichten). *Copies*: B, HH.

12.703. Königliches Gymnasium zu Inowrazlaw. "*Verzeichniss der in den Kreisen Inowrazlaw und Strelno bisher beobachteten Gefässpflanzen nebst Standortsangaben*" ... Wissenschaftliche Beilage des Programms Ostern 1888. Inowrazlaw (Druck von H. Olowski). Beilage zu Progr.-Nr. 142. 1888. Qu. (*Verz. Inowrazlaw Gefässpfl.*).
1: Mar-Apr 1888 (p. 41: Mar 1888; Easter program; Bot. Zeit. 31 Aug 1888; Bot. Centralbl. 17-21 Sep 1888; Nat. Nov. Aug(2) 1888), p. [i], [1]-41.
2: Mar-Apr 1889 (p. 21: Mar 1889; Easter program; Bot. Centralbl. 22 Oct 1889), p. [i], [1]-21. – 1889, Beilage zu Progr. Nr. 144.

Copies: B, HH, MO.

Spring, Anton Friedrich [Antoine Frédéric] (1814-1872), German (Bavarian) born botanist and physician; studied medicine and botany at the University of München; Dr. phil. ib. 1835, Dr. med. 1836; curator at the München botanical garden 1835-1836; temporarily practicing medicine at München 1836-1837; continued his studies at Paris; professor of physiology and anatomy, later of pathology and internal medicine at the University of Liège 1839-1872. (*Spring*).

HERBARIUM and TYPES: LG; further material at BR.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 545; Barnhart 3: 312 (b. 8 Apr 1814, d. 17 Jan 1872); BM 5: 1995; Bossert p. 379; CSP 5: 784-785, 8: 992; Frank 3 (Anh.): 99; Herder p. 133, 142, 144, 223, 273; Hortus 3: 1204; IH 1 (ed. 6): 364, (ed. 7): 343; Jackson p. 41, 149; Lasègue p. 293; LS 25625-25625a; Moebius p. 126, 127; MW p. 466; PR 5902, 6272, 8882-8883, ed. 1: 9858; TL-1/867; TL-2/1969, 6107; Zander ed. 10, p. 720, ed. 11, p. 821.

BIOFILE: Anon., Aerztl. Intell.-Bl. 19(6): 62-63. 1872 (obit.); Bot. Not. 1873: 28 (d.); Bot. Zeit. 10: 646. 1852 (decoration), 30: 168. 1872 (d.); Bull. Soc. bot. France 18 (bibl.): 42. 1872 (d.); Flora 23(2): 592. 1840 (app. Liège), 38: 699. 1855 (foreign member Bay. Akad. Wiss.); J. Bot. 10: 96. 1872 (d.); Leopoldina 7812): 92. 1872 (obit.); Österr. bot. Z. 22: 137. 1872(d.); S.B. mat.-phys. Cl. Akad. Wiss. München 2: 100-101. 1872.
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COMPOSITE WORKS: (1) *Lycopodineae*, *in* C.F.P. v. Martius, *Fl. bras.* 1(2): 105-134, *pl. 3-8.* 1840 (fasc. 1).
(2) *Lycopodineae*, *in* F.A.W. Miquel et al., Pl. Jungh. 1851-1857.
(3) *Lycopodiaceae novae*, *in* H.F. Van Heurck, Obs. bot. 1: 28-30. 1 Jun 1870.
(4) *Cryptogamae vasculares. Lycopodineae*, *in* C. Gaudichaud-Beaupré, Voy. Bonite, Bot. 2:[315]-344. Oct-Nov 1846, see TL-2/1969.

HANDWRITING: Lejeunia 109: fig. 2 (facing p. 3). 1983.

12.704. *Ueber die naturhistorischen Begriffe von Gattung, Art und Abart* und über die Ursachen der Abartungen in den organischen Reiches. Eine Preisschrift ... Leipzig (Friedrich Fleischer) 1838. Oct. (*Naturh. Begr. Gatt.*).
Publ.: 20-26 Mai 1838 (Hinrichs; Flora 28 Aug 1838; rd before 2 Jul 1838), p. [i]-viii, 1-184. *Copies*: C, HH, MO.

12.705. *Monographie de la famille des Lycopodiacées* ... Bruxelles (M. Hayez, imprimeur de l'Académie royale de belgique ...) 1842 et 1849. Qu.
Publ.: 1842 and 1849 (in journal), reprint p. [i, general t.p.], [1]-110, [1]-358. *Copies*: B-S, G, H, HH, MO, NSW, NY, PH; IDC 7266. – Reprinted and to be cited from Mém. Acad. roy. Belg.:
première partie: 1842 (Flora 28 Dec 1842; Mém. 15: 1-110. 1842).
Seconde partie: 1849 (PV 18 Feb 1850; Mém. 24: 1-358. 1849).

Preliminary publications: (1) 1841, 1843, "*Enumeratio Lycopodinearum*, quas in ejusdem plantarum ordinis monographia mox edenda descripsit A. Spring", Bull. Acad. Sci. Belg. 8: 511-523. 1841, 10: 225-235. 1843; reprint p. 1-35. *Copies*: HH, NSUB; IDC 7265.
(2) *Beiträge zur Kenntniss der Lycopodien*, Flora 21: 145-158. 14 Mar, 161-175, 177-191. 21 Mar, 193-205. 7 Apr, 209-224. 14 Apr 1838. – Extract: Ann. Sci. nat. Bot. ser. 2. 11: 218-237. Apr 1839.

12.706. *Des champignons qui se développent dans les oeufs de poule* ... Académie royale de Belgique (Extr. du tome xix, no. 4, des Bulletins) [Bruxelles 1852]. Oct.
Publ.: 1852, p. [1]-19. *1 pl.* (col. lith.). *Copy*: FH. – Reprinted and to be cited from Bull. Acad. Sci. Bruxelles 19(4): 555-573. 1852.

Spruce, Richard (1817-1893), British botanist and plant collector; schoolmaster at Haxby and (1839-1844) the Collegiate School of York; from 1844 dedicating himself exclusively to botany; collected in the Pyrenees 1845-1846; collecting in South America 1849-1864; from 1864 in London, Hurstpierpoint, Welburn (1867-1876) and, ultimately in Coneysthorpe (Yorks.) (1876-1893); Dr. phil. Leopoldina 1864. (*Spruce*).

HERBARIUM and TYPES: Main S. American collections at K; duplicates at AWH, B, BEL, BH, BM, BP, BR, C, CAL, CAS, CGE, CHR, DBN, DS, E, F, FH, FI (incl. Europ.), G, GH, GLAM, GOET, H, L, LD, LE, LINN (Brit. pl.), M, MANCH, MG, MICH, NY (incl. mosses Pyrenees through Duss), OXF, P, PC, PH, RB, S, TCD, US, W, YRK (Brit. pl.). – Many of S.'s Venezuelan collections have been cited from Brazil since this is stated on the labels. – *Letters* at BM, FH, G, GH, H, K, NY. Diary (1841-1863) at LINN. Botanical manuscripts by Spruce at Kew include: *Plantae amazonicae* (2 vols.), *Plantae andinae* (2 vols. numerical register to his flowering plants and ferns; often with descriptions), a volume of mss. ("i") with short botanical notes; a further volume of mss. ("ii") containing his original journal 1851-1855; a memorandum book containing the journal from Tarapoto to Banos and notes on bryophytes; letters from W.J. Hooker, G. Bentham, J.D. Hooker, W. Mitten, J. Miers, Destringe and E. Bescherelle; introductory notes on Hepaticae; the correspondence with W. Borrer on European bryophytes (Bull. misc. Inf. Kew 1908: 464). – Some field notes also at NY.
Exsiccatae: (1) *Hepaticae pyrenaicae*, quas in Pyrenaeis centralibus occidentalibusque, nec non in agro syrtico, a.d. 1845-6, nos. 1-77, London 1847. Sets at BM, G, K, NY, PC.
(2) *Musci pyrenaicae*. quos in Pyrenaeis centralibus occidentalibusque, nec non in ago syrtico, a.d. 1845-6 decerpsit. Rich. Spruce. Fascis i; nos. 1-160, ii: nos. 161-331. London 1847. Sets id. – For further details on (1) and (2) see Sayre 1971.
(3) *Hepaticae spruceanae amazonicae et andinae*, annis 1849-1860 lectae. Malton, 1892, distributed in irregular sets. *Review*: L.M. Underwood, Bot. Gaz. 18: 112-113. Mar 1893. Further details: Sayre 1975.

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BIOFILE: Acosta-Solis, M., Natural. viaj. cien. Ecuador 31-33, 120. 1968.
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HANDWRITING: Webbia 32(1): 37. 1977.

NOTE: Accounts from the field of Spruce's travels and collections were given in W.J. Hooker's botanical journals and other journals as follows:
(1) *Plants of the Pyrénées*, London J. Bot. 4: 197-199. 1845, 5: 10-11. 1846.
(2) *Notes on the botany of the Pyrénées*, London J. Bot. 5: 134-142, 345-350, 417-429, 535-548. 1846.
(3) *The musci and hepaticae of the Pyrenees*. Ann. Mag. nat. Hist. ser. 2. 3: 81-106, 269-293, 358-380, 478-503. 1849, 4: 104-120. 1849; Trans. Edinb. bot. Soc. 3: 103-216. 1850.
(4) *Announcements and news of S. Amer. journey*: J. Bot. Kew Gard. Misc. 1: 20-21, 344-347. 1849, 2: 29, 158, 351-352. 1850, 7: 31. 1855, 8: 379. 1856, 9: 310-311. 1857.
(5) *Botanical excursion on the Amazon*, J. Bot. Kew Gard. Misc. 2: 65-70, 173-178, 193-208, 225-232, 266-276, 298-302. 1850, 3: 84-89, 139-146, 239-248, 270-278, 335-343. 1851, 4: 305-312. 1852, 6: 94. 1854.
(6) *Letters to G. Bentham* from the Amazon, J. Bot. Kew Gard. Misc. 4: 278-285, 305-312. 1852.
(7) *Journal of a voyage up the Amazon* and the Rio Negro, J. Bot. Kew Gard. Misc. 5: 187-192, 207-215. 1853, 6: 33-42, 107-111. 1854, 7: 1-8. 1855.
(8) *Botanical objects communicated to the Kew Museum*, from the Amazon River in 1851-1853, J. Bot. Kew Gard. Misc. 5: 169-177, 238-247. 1853, 7: 209-210, 245-252, 273-278. 1855.
(9) *Edible fruits from the Rio Negro*, J. Bot. Kew Gard. Misc. 5: 183-187. 1853.
(10) *Extract of a letter relating to vegetable oils*, J. Bot. Kew Gard. Misc. 6: 333-337. 1854.
(11) *Mr. Spruce in Peru*, J. Bot. Kew Gard. Misc. 7: 281-282, 380. 1855, 8: 177-181. 1856.
(12) *Note on the India rubber of the Amazon*, J. Bot. Kew Gard. Misc. 7: 193-196. 1855; J. de Pharm. 28: 382-384. 1855.
(13) *On five new plants from Eastern Peru*, J. Linn. Soc. 3 (Bot.): 191-204. 1859.
(14) *On Leopoldina Piassuba*, J. Linn. Soc. 4 (Bot.): 58-63. 1860.
(15) *Notes of a visit to the Cinchona forests* ... J. Linn. Soc. 4 (Bot.): 176-192. 1860.
(16) *On the mode of branching of some Amazon trees* .... Linn. Soc. 5 (Bot.): 3-14. 1861.
(17) *Mosses of the Amazon and Andes*, J. Linn. Soc. 5 (Bot.): 45-51. 5 Jun 1860.

EPONYMY: *Neosprucea* Sleumer (1938); *Sprucea* Wilson et J.D. Hooker (1845); *Sprucea* Bentham (1853); *Spruceanthus* Verdoorn (1934); *Spruceanthus* (Sleumer (1936); *Spruceella* K.A.F.W. Mueller Hal. (1900); *Spruceina* O. Kuntze (1903); *Sprucella* F. Stephani (1886); *Sprucella* Pierre (1890); *Sprucina* Niedenzu (1908).

12.707. *Report on the expedition to procure seeds and plants of the Cinchona succirubra* or red bark tree ... London (printed by George E. Eyre and William Spottiswoode ...) 1861 [i.e. 1862]. Oct. (*Rep. exped. Cinchona*).
Publ.: 1862 (t.p. 1861; p. 111: 22 Sep 1861; p. 111-112 note on map signed by Markham signed 3 Jan 1862), cover-t.p., p. [1]-112, map. *Copies*: BM (see BM 5: 1 C.R. Markham's copy, with notes), G (photocopy), HH.

12.708. *Catalogus muscorum* fere omnium quos in terris amazonicis et andinis, per annos 1849-1860, legit Ricardus Spruceus. Londini [E. Newman, printer] 1867. Qu. (*Cat. musc.*).
Publ.: 1867, p. [i], [1]-22. *Copies*: FH, G, H, NY; IDC 5457. – One sided.

12.709. *Palmae amazonicae*, sive enumeratio palmarum in itinere suo per regiones Americae aequatoriales lectarum. Auctore Ricardo Spruce ... [J. Linn. Soc., Bot. 11, 1869]. Oct.
Publ.: 2 Aug 1869, in journal, J. Linn. Soc., Bot. 11 (50-51): 65-183. 1869 (see also Bot. Zeit. 27: 664-666. 1869).

12.710. *On Anomoclada*, a new genus of Hepaticae, and on its allied genera, Odontoschisma and Adelanthus. By Richard Spruce, Ph.D. [Journal of Botany 14, 1876]. Oct.
Publ.: Mai-Aug 1876 (in journal), cover-t.p., *pl. 178, 179*, p. [1]-33. *Copies*: G, H, NY. – Reprinted and to be cited from J. Bot. 14: 129-136. Mai, 161-170. Jun, 193-203. Jul, 230-235. Aug 1876. – Some copies have "tab. 176, 177" erroneously on p. 1.

12.711. *Musci praeteriti*: sive de Muscis nonnullis adhuc neglectis, praetervisis vel confusis, nunc recognitis ... [Journal of Botany 18, 19, 1880-1881]. Oct.
Publ.: J. Bot. 18: 289-295. Oct, 353-361. Dec 1880, 19: 11-18 Jan, 33-40. Feb 1881.

12.712. *On Cephalozia* (a genus of Hepaticae) its subgenera and some allied genera ... Malton (printed for the author) 1882. Oct. (*Cephalozia*).
Publ.: Oct-Dec 1882 (p. vi: 27 Sep 1882; Rev. bryol. Dec 1882; Bot. Centralbl. 5-9 Mar 1883; Bot. Zeit. 30 Mar 1882), p. [i*-ii*], [i]-vi, [1, err.], [1]-96, [1-3]. *Copies*: B, BR, FH, G(2), H, MO, MO-Steere, NY, USDA. – 200 copies printed.
Ref.: Anon., J. Bot. 21: 183-187. 1883 (rev.).
Stephani, F., Bot. Centralbl. 15: 300-302. 1883 (rev.).

12.713. *Hepaticae of the Amazon* and of the Andes of Peru and Ecuador ... London (Trübner & Co., ...) [1884-] 1885. Oct. (*Hepat. Amazon*).
Publ.: 1884-1885. Issued in two parts as Trans. Proc. Bot. Soc. Edinburgh 15. 1885. – *Copies*: B, BR, FH, H, M, MO, USDA. – *Alternative title*: *Hepaticae amazonicae et andinae* quas in itinere suo per tractus montium et fluviorum Americae aequinoctialis a fluminis fluminum Amazonum ostiis ad maris pacifici litora usque, necnon a cataractis fluminis Orinoci, cis aequatorem, adusque fluvii Huallaga cataractas, lat. 6°-7° australi, annis 1849-1862, decerpsit nuperiusque descripsit Richard Spruce.
[*1*]: Apr 1884, p. [1]-308.
[*2*]: Nov 1885, p. [i*-iii*], [i]-xi, 309-588, [589], *pl. 1-22* (uncol. liths. R. Braithwaite, G. Massee).
Reprint: 1984 (in press) Contr. New York Bot. Gard. 15, with introduction and index by B.M. Thiers.
Ref.: Anon., Grevillea 14: 88. 1886 (rev.).
Carrington, B., J. Bot. 24: 122-124. 1886 (rev.).

12.714. *Précis d'un voyage* d'exploration botanique dans l'Amérique équatoriale, pour servir d'introduction provisoire à son ouvrage sur les hepatiques de l'Amazone et des Andes, par Richard Spruce. [Extrait de la Revue bryologique, Août, 1886]. Oct.
Publ.: Aug 1886 (in journal), cover-t.p., p. [1]-20. *Copies*: B, H, M, NY. – Reprinted and to be cited from Rev. bryol. 13(4). Aug 1886.

12.715. *Lejeunia holtii*, a new hepatic from Killarney ... [Journal of Botany 225. 1887]. Oct.
Publ.: Feb-Mar 1887 (in journal), p. 33-38, 39/72, 73-82, *pl. 272*. *Copy*: NY. – Reprinted from J. Bot. 25: 33-39. Feb, 72-82. Mar 1887.

12.716. *On a new Irish hepatic* ... [Journal of Botany 25, 1887]. Oct.
Publ.: Jul 1887 (in journal), p. [1]-2. *Copy*: NY. – Reprinted and to be cited from J. Bot. 25: 209-211. 1887.

12.717. *Hepaticae bolivianae*, in Andibus Boliviae orientalis, annis 1885-6, a cl. H.H. Rusby lectae. [Memoirs of the Torrey botanical Club vol. 1. no. 3] 1890. Oct.
Collector: Henry Hurd Rusby (1855-1940).
Publ.: 20 Jan 1890 (date on cover-t.p. and on p. 140), cover-t.p., p. [113]-140. *Copies*: B, BR, NY. – Issued and to be cited as Mem. Torrey bot. Cl. 1(3): 113-140. 1890.

Ref.: W.H.P., J. Bot. 28: 252-253. Aug 1890 (rev.).

12.718. *Hepaticae Elliottianae*, insulis Antillanis S^{ti} Vincentii et Dominica a clar. W.R. Elliott, annis 1891-92, lectae, Ricardo Spruce determinatae ... [Extracted from the Linnean Society's Journal-Botany, vol. xxx], [1895]. Oct.
Collector: William Robert Elliott (1860-1908); *editor*: Anthony Gepp (1862-1955).
Publ.: 5 Feb 1895 (in journal; Nat. Nov. Feb(2) 1895), p. [331]-372, *pl. 20-30* (uncol. liths. Highley). *Copies*: G, MO. – Reprinted and to be cited from J. Linn. Soc., Bot. 30: 331-372, *pl. 20-30*. 1895.

12.719. *Notes of a botanist on the Amazon & Andes* being records of travel on the Amazon and its tributaries, the Trombetas, Rio Negro, Uaupés, Casiquiari, Pacimoni, Huallaga, and Pastasa; as also to the cataracts of the Orinoco, along the Eastern side of the Andes of Peru and Ecuador, and the shores of the Pacific, during the years 1849-1864 by Richard Spruce, ... edited and condensed by Alfred Russell Wallace, ... with a biographical introduction portrait, seventy-one illustrations and seven maps ... London (Macmillan and co., Limited ...) 1908, 2 vols. (*Notes bot. Amazon*).
Editor: Alfred Russell Wallace (1822-1913).
1: 1908 (Nat. Nov. Jan(1) 1909), p. [i-ii], portr., p. [iii]-lii, 1-518, maps, figs. 1-49 in text.
2: 1908 (Nat. Nov. Jan(1) 1909), p. [i]-xii, 1-542, figs. 1-22, maps.
Copies: G, MO, NY, PH, U, US, USDA, Wurdack.
Facsimile ed.: 1970, Johnson Reprint Corporation, New York and London; with a new foreword by R.E. Schultes, vol. 1, new preface material [i]-x, vol. 2, [i*-iv*], followed by facsimile.
Ref.: Anon., J. Bot. 47: 149-151. Apr 1909 (rev.).
Oliver, F.W., Bot. Centralbl. 110: 403-404. 20 Apr 1909 (rev.).

Spruner, Wilhelm von (1805-1874), German (Bavarian) pharmacist and plant collector; studied in a München pharmacy and at the University of Erlangen; assistant military pharmacist (later in charge of the military pharmacy in Athens) in the Greek army 1834-1843; military pharmacist in the Bavarian army 1844-1858, ultimately as "Oberapotheker ii. Klasse", in retirement in München. (*Sprun.*).

HERBARIUM and TYPES: Spruner's personal herbarium was acquired in 1879 by H. Dingler at Aschaffenburg; it came with Dingler's herbarium to B (almost entirely destroyed 1943). Duplicates from Greece (1840-1843) at BR, C, CAS, DBN, E, G, GOET, KIEL, L, LE, LZ (destr.), M, W. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 2(2): 381, 3: 452, 6(2): 940; Barnhart 3: 313 (b. 28 Aug 1805, d. 30 Mai 1874); Biol.-Dokum. 17: 8824-8825; Hortus 3: 1204; Lasègue p. 337, 408; Urban-Berl. p. 400; Zander ed. 10, p. 720, ed. 11, p. 821.

BIOFILE: Anon., Flora 22(Int. Bl.): 24. 1839 (Greek plants for exchange), 27: 175 (returns to München), 718 (promoted from Ingolstadt to Würzburg, Militär-Apothekergehülfe erster Klasse). 1844, 30: 655. 1847 (Unterapotheker ii. Klasse Germersheim).
Ascherson, P., Bull. Herb. Boissier ser. 2. 6: 582-584. 1906 (biogr. documentation).
Boissier, E., Fl. orient. 1: xiii. 1867.
Candolle, Alph. de, Phytographie 452. 1880 (coll.).
Spruner, W. v., Flora 25: 636-639. 1843 (letter to Tommasini on a botanical trip to the Parnassus).
Wagenitz, G., Index coll. princ. herb. Gott. 160. 1982.

HANDWRITING: Wagenitz, G., Index coll. princ. herb. Gott. 212. 1982.

EPONYMY: *Sprunnera* C.H. Schultz-Bip. ex Walpers (1843) may honor this author, but no etymology was given.

Squier, Ephraim George (1821-1888), American archeologist, ethnologist, diplomat

and editor; journal editor at Albany, Hartford and Chilicothe 1841-1848; chargé d'affaires to the Central American republics 1849, U.S. commissioner in Peru 1863-1865; consul-general of Honduras in New York 1868. (*Squier*).

HERBARIUM and TYPES: Unknown. – Mss. Bibl. nac. Peru; diplomatic reports and letters in Natl. Arch. U.S.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1996; DAB 17: 488-489; Herder p. 60; Jackson p. 209; ME 1: 231; PH 567; PR 8886; Rehder 3: 234; SIA 95 Tucker 1: 665, 3: 291-292.

BIOFILE: Anon., Amer. Naturalist 22: 568. 1888 (obit., note); Brit. Mus. gen. cat. print. books 228: 14-17. 1964; Natl. Cycl. Amer. Biogr. 4: 79. 1893; New York Times 18 Apr 1888; Who was who Amer., Hist. vol. 572. 1967.
Brown, J.H., ed., Lamb's biogr. dict. U.S. 7: 172. 1903.
Kunitz, S.J. & H. Haycratt, American authors 1600-1900. 709. s.d.
Núñez, E., Américas 13(4): 3-7. 1961 (archeol. work).
Lindsey, D., Amer. Hist. ill. 15(4): 30-35. 1980 (portr., archeol. work).
Schmid, R. & M.J., *in* J. Arditti, ed., Orchid biology 1: 29, 35, 36, 44. 1977.
Valderrama, L., Hisp. Amer. hist. Rev. 36(3): 338-341. 1956 (Squier mss. in Bibl. nac. Peru).
Weberbauer, A., Pflanzenwelt peruan. Anden 15. 1911.
Wilson, J.G. & J. Fiske, eds., Appleton's Cycl. Amer. biogr. 5: 641. 1888.
Zittel, K.A. von, Gesch. Geol. Paläont. 837. 1899.

12.720. *Tropical fibres*: their production and economic extraction ... New York (Scribner & Co., ...) 1861. Oct. (*Trop. fibr.*).
Publ.: 1861, p. [1]-64, *pl. 1-16* (col. or uncol. liths.). *Copies*: HH, MO, USDA.
London ed.: 1863, 64 p., *16 pl.*, n.v.
Ref.: Seemann, B., J. Bot. 1: 189. 1863 ("whatever success Mr Squier may have achieved in the field of ethnology, he has made a serious mistake in trying his hands at the subject of tropical fibres ... series of blunders ...).

Squinabol, Senofonte [Xenofonte] (1861-?), Italian palaeobotanist; lecturer in palaeobotany and professor of natural history at the technical college of Foggia, later idem at the University of Pavia. (*Squinab.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 334; Barnhart 3: 313; BM 5: 1996-1997; CSP 18: 893; De Toni 1: cxviii, 4: liv; LS 39456; Nordstedt p. 30; Saccardo 1: 158, 2: 103-104; TL-2/5874.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 228: 19. 1964.
Prescott, G.W., Bibl. Desmid. univ. 476. 1984.

COMPOSITE WORKS: With A. Meschinelli, *Flora tertiaria italica* 1892, see TL-2/5874.

12.721. *Primo contributo ad un catalogo delle Desmidiee* dei dintorni di Genova. Lavoro fatto nel Laboratorio di zoologia ed anatomia comparata della R. Università di Genova negli anni 1884-85-86. Genova (Tipografia di Angelo Ciminago ...) 1886. Oct. (*Primo contr. cat. Desmid.*).
Publ.: 1886 (Bot. Zeit. 29 Apr 1887; Bot. Centralbl. 3-7 Oct 1887; Nat. Nov. Nov(2) 1886), p. [1]-19. *Copy*: FI.

12.722. *Contribuzioni alla flora fossile dei terreni terziarii della Liguria* ... Genova (Tipografia del R. Istituto Sordo-Muti) 1889-1892, 5 parts. Oct. (*Contr. fl. foss. terz.*).
1 (*Algae*): 1891, p. [i]-xxv, *pl. A-E* (uncol.). – Based on a paper originally published in Boll. Soc. geol. Ital. 6: 545-561, *pl. 15-19*. 1887 (1888).
2 (*Caracee-felci*): 1889 (Bot. Zeit. 27 Dec 1889), p. [1]-69, *pl. 1-12*.
3(*a*) (*Supplemento alle crittogame*): 1891, p. [1]-16, *2 pl.*

3(b) (*Gymnospermae*): 1891 (Bot. Zeit. 24 Jun 1892, p. [17]-48, *pl. 13-18.* – 3(a) and (b) issued together in a single wrapper.
4 (*Monocotiledoni*): 1892 (Bot. Zeit. 1 Mai 1893), p. [1]-107, *pl. 19-30.* – Also issued in Atti Univ. Genova 11: 599-700. 1892.
Copies: G, NY (with sticker, Theodor Oswald Weigel, Leipzig), PH.
Ref.: Zeiller, R., Bull. Soc. bot. France 37 (Bibl.): 70-71. 1890, 38 (Bibl.): 162-163. 1891, 40 (Bibl.): 91-92. 1893 (rev.).

12.723. *La flore de Novale* étude de paléontologie végétale ... Fribourg, Suisse (Imprimerie Fragnière frères) 1901. Oct. (*Fl. Novale*).
Publ.: 1901, p. [1]-97, *pl. 1-5. Copies*: BR, G. – Issued as Mém. Soc. frib. Sci. nat., Géol. Géogr., 2(1) 1901.

Stabler, George (1839-1910), British bryologist; schoolfellow of Richard Spruce; village schoolmaster at Levens, Westmoreland. (*Stabler*).

HERBARIUM and TYPES: Some material at B (mainly destr.), DBN, E, H, OXF. – *Letters* in Wilson corr. at BM(NH), 23 letters to S.O. Lindberg at H-UB; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 313; BB p. 285; Clokie p. 247; Desmond p. 578 (b. 3 Sep 1839, d. 4 Jan 1910); Urban-Berl. p. 314.

BIOFILE: Anon., Hedwigia 50: (143). 1910 (d.); Naturalist 637: 97. 1910 (obit. not.); Nat. Nov. 32: 814. 1910 (d.); Rev. bryol. 37: 92. 1910 (d.); Trans. bot. Soc. Edinburgh 24: 101. 1912 (obit., "Stables").
Waddell, C.H., J. Bot. 48: 160-161. 1910 (obit., portr.).

EPONYMY: *Stableria* S.O. Lindberg (1878).

12.724. *Hepaticae & Musci of Westmorland,* ... [Naturalist 1888-1898]. Oct.
Publ.: 1888-1898 (in journal), 9 papers in the Naturalist. Reprint with special cover at H (inf. P. Isoviita).
1: Oct, Nov 1888, p. 1-8, Naturalist 1888: 313-320.
2: Mai 1896, Naturalist 1896: 133-140.
3: Sep 1896, Naturalist 1896: 277-284.
4: Jan 1897, Naturalist 1897: 5-12.
5: Jul 1897, Naturalist 1897, 213-220.
6: Sep 1897, Naturalist 1897: 261-268.
7: Apr 1898, Naturalist 1898: 117-124.
8: Aug 1898, Naturalist 1898: 229-236.
9: Nov 1898, Naturalist 1898: 341-348.

Staby, Ludwig [Hermann Friedrich Wilhelm] (1861-?), German (Westphalian/Prussian) botanist; studied natural sciences in Jena, 1881-1883, and Berlin 1883-1885; student of Schwendener. (*Staby*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 313; Biol.-Dokum. 17: 8835; Rehder 1: 192, 4: 412.

BIOFILE: Howell, J.T., Madroño 7: 181-184. 1944 (obit., portr., lists publications); Leafl. Western Bot. 7: 95. 1953.
Staby, L.H.F.W., vita, *in* Verschluss Blattnarben 1885, p. [40] (b. 25 Mar 1861).
Thomas, J.H., Huntia 3: 29. 1969.
Voss, E.G., Contr. Univ. Mich. herb. 13: 80-81. 1978.

12.725. *Ueber den Verschluss der Blattnarben* nach Abfall der Blätter. Inaugural-Dissertation zur Erlangung der Doktorwürde von der Philosophischen Facultät der Friedrich-Wilhelms-Universität zu Berlin genehmigt und nebst den beigefügten Thesen öffentlich

zu vertheidigen am 29. Juli 1885 von Ludwig Staby ... Berlin (Buchdruckerei von Gustav Schade (Otto Francke) ... [1885]. Oct. (*Verschluss Blattnarben*).
Publ.: 29 Jul 1885, (t.p., Bot. Zeit. 25 Dec 1885), p. [1]-39, [40, vita]. *Copy*: B-S.
Final publication: Flora 69: 113-124. 11 Mar, 137-143. 21 Mar, 155-160, *pl. 3*. 1 Apr 1886.

Stacey, John William (1871-1943), American businessman and botanist (caricologist); studied medicine and botany at the University of Michigan; bookseller at The Emporiom, San Francisco 1914, founder of the firm of J.W. Stacey, Inc., dealers in medical and scientific books 1923; research associate of the California Academy of Sciences. (*Stacey*).

HERBARIUM and TYPES: CAS (few). – *Letters* and lists at MSC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 313 (b. 26 Feb 1871, d. 16 Oct 1943); Bossert p. 380; MW suppl. p. 331.

BIOFILE: Anon., Academy News Letter, Cal. Acad. Sci. 48: [2 p.] 1943 (obit.); Science ser. 2. 98. 464. 1943 (d.).
Orr, R.T., The Auk 61: 343. 1944 (obit.).
Verdoorn, F., ed., Chron. bot. 2: 302, 374. 1936.
Voss, E.G., Contr. Univ. Mich. Herb. 13: 80, 81. 1978.

COMPOSITE WORKS: *Carex*, *in* Kearny and Peebles, *Fl. pl. Arizona* 168-175. 1942.

NOTE: Stacey's *Notes on Carex*, 15 contributions, appeared in Leafl. Western Bot. 1-2, 1934-1939.

Stache, [Karl Heinrich Hector] Guido (1833-1921), German (Silesian) geologist and palaeontologist; Dr. phil. Breslau 1855; from 1857-1902 with the Geologische Reichsanstalt, Wien, from 1892 as director. (*Stache*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 334; Barnhart 3: 313 (b. 28 Mar 1833); BM 5: 1997; PR 8887; Quenstedt p. 409 (d. 11 Apr 1921); Rehder 2: 92; Saccardo 1: 158; TL-2/2838; Tucker 1: 665.

BIOFILE: Poggendorff, J.C., Biogr. lit. Handw.-Buch 3: 1277-1278. 1898, 4(2): 1427. 1904, 6(4): 2517. 1940 (d. 11 Apr 1921; bibl.).
Tietze, Verh. Geol. Staatsanst., Wien 1921 (4-5): 59-61 (obit.).
Zittel, K.A. von, Gesch. Geol. Paläont. 864 [index]. 1899; Hist. geol. palaeont. 556 [index]. 1901.

COMPOSITE WORKS: Contributed to C.G.E. von Hochstetter, *Paläontol. Neu-Seeland*, 1865, TL-2/2838.

12.726. *De Casuarinis* nunc viventibus et fossilibus nonnulla. Dissertatio inauguralis palaeontologico-botanica quam consensu et auctoritate amplissimi philosophorum ordinis in alma literarum universitate Viadrina vratislaviensi ut summi in philosophia honores rite sibe concedantur die xv mensis maii mdccclv hora X1/2 publice defendet auctor ... Vratislaviae [Breslau] (typis C.H. Storchii et Socii) [1855]. Oct. (*Casuarin.*).
Publ.: 15 Mai 1855, p. [i, iii], [1]-44. *Copies*: B-S, M, US.

12.727. *Die liburnische Stufe* und deren Grenz-Horizonte. Eine Studie über die Schichtenfolgen der Cretacisch-Eocänen oder Protocänen Landbildungsperiode im Bereiche der Küstenländer von Österreich-Ungarn ... Erste Abtheilung. Geologische Übersicht und Beschreibung der Faunen- und Floren-Reste ... Wien (Alfred Hölder, ...) 1889. Qu. (*Liburn. Stufe*).
Publ.: 1889, p. [i-ii], [1]-170, *pl. 1-6*, map. *Copies*: NSUB, USGS; Geol. Bundesanst. Austria. – Abh. k.k. geol. Reichsanst. 13, 1889. – Plants on p. 122-136, *pl. 4-6*.

Preliminary publication: Verh. k.k. geol. Reichsanst. 1880: 195-209. "Die liburnische Stufe". (Characeae, ib. 1872: 316-317).

Stackhouse, John (1742-1819), British botanist and botanical artist; gentleman of private means dedicating himself mainly to botany on his Pendarves estates 1763-1804; from 1804 in retirement at Bath. (*Stackh.*).

HERBARIUM and TYPES: BM, LINN; some material also at K (but algae on loan at BM), CN (see Dixon 1962) and OXF. – Drawings and letters to J.E. Smith at LINN.

BIBLIOGRAPHY and BIOGRAPHY: ADB 53: 441-462; Backer p. 546; Barnhart 3: 313 (d. 22 Nov 1819); BB p. 285-286; BM 5: 1997-1998; Bossert p. 380; Clokie p. 247; Desmond p. 579; De Toni 1: xcviii; DNB 18: 849-850; Dryander 3: 223, 654; Frank 3 (Anh.): 99; GR p. 381, cat. p. 72; Henrey 2: 742 [index], 3: 1380-1383; Herder p. 254, 418; IH 2: (files); Jackson p. 22, 242; Lasègue p. 544; Moebius p. 84; NI 1885; PR 8888-8891, 6987, 9198-9203, ed. 1: 7810, 9860-9862, 10164, 10167; Rehder 5: 819; RS p. 143; SO 798a; TL-2/7522.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2: 2217. 1878.
Anon., Brit. Mus. gen. cat. print. books 228: 150-151. 1964; Trans. Woolhope Natural. Field Club 34: 236-237. 1954.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 213.11, 255.139, 255.251. 1980.
Davey, F.H., Fl. Cornwall xxxv-xxxvi. 1909 (repr. 1978).
Dawson, W.R., Smith papers 88. 1934.
Dickinson, C.I., Phycol. Bull. 1: 13. 1952 (algae coll. at K, herb. BM).
Dixon, P., Brit. phycol. Bull. 2(3): 162-164. 1962.
Kent, D.H., Brit. herb. 79. 1957.
Kent, D.H. & D.E.Allen, Brit. Irish herb. 249. 1984.
Koster, J.Th., Taxon 18: 558. 1969 (alg. coll.).
Lowden, R.M., Taxon, Index to personal names vols. 1-30, 693. 1985.
Roberts, W., Gard. Chron. 1899(2): 237 (S. and Acton Castle).
Verdoorn, F., ed., Chron. bot. 2: 188. 1936.

COMPOSITE WORKS: (1) Theophrasti Eresii de *Historia plantarum* libri decem, Graece. Cum syllabo generum et specierum, glossario et notis. Curante Joh. Stackhouse, ... Oxonii [Oxford] (excudebat S. Collingwood ...), 2 vols. 1813-1814. *Copy*: USDA. – See Henrey 1425.

EPONYMY: *Stackhousia* J.E. Smith (1798); *Stackhousia* J.V.F. Lamouroux ex S. Leman (1827).

12.728. *Nereis brittanica*; continens species omnes fucorum in insulis britannicis crescentium: descriptione latine et anglico, necnon iconibus ad vivum depictis ... Bathoniae [Bath] (typis S. Hazard: sumptibus auctoris), Londini (prost. venal.: apud J. White, ...) [1795-] 1801. Fol. (*Nereis brit.*).

Publ.: in 3 parts, 1795-1801 (or 1802?), p. [i* Latin t.p.; iii*, English t.p.], [i]-xxxix, [xl], 1-112, *pl. 1-17* (col. copp.), appendix [1-4], *pl. A-G* (plates A-E and G are water colours; pl. F is an etching), [1-3, index, err.]. *Copies*: G, MICH, MO, NY, PH, Teyler, USDA. – English t.p.: "*Nereis britannica*; containing all the species of Fuci, native of the British coasts: with a description in English and Latin, and plates coloured from Nature".

Fasc. 1: 1795 (p. vii: 23 Apr 1795), p. [i]-viii, 1-30, *pl. 1-8*.

Fasc. 2: 1797 (p. xviii: 25 Sep 1797), p. ix-xxiv, 31-70, *pl. 9-13*.

Fasc. 3: 1802, p. xxv-xl, 71-112, 1-4, 1-3, *pl. 13-17*, *pl. A-G* (listed in Gent. Mag. Nov 1802).

Fascicle t.p.'s: the copies at G and NY have t.p.'s of fasc. 1 with contents. – See also notes in Henrey 1382.

Editio altera: 1816 (Stackhouse sent a copy to W.J. Hooker on 1 Aug 1816), p. [i]-xii, [1]-68, *pl. 1-20* (uncol. copp., undated). *Copies*: BR, FH, NY, PH. – "Editio altera. Nova addita classificatione cryptogamiarum [sic] respectu generis Fuci". Oxonii [Oxford]

(excudebat S. Collingwood) 1816. Qu. – Rev. K. Sprengel Neu. Entd. 1: 92-98. 1820.
Extracta ex praefatione Nereidis botanicae, ... ed. 2: pamphlet, s.l.n.d., p. [i]-vii. *Copy*: G (p. ii: 12 Jan 1816).

12.729. 8. *Tentamen marino-cryptogamicum*, ordinem novum, in genera et species distributum, in classe xxivta Linnaei sistens. Auctore Ioanne Stackhouse. Esq. [Mém. Soc. natural. Moscou 2, 1809]. Qu.
Publ.: 1809, Mem. Soc. natural. Moscou 2: [50]-97, *pl. 5-6* (uncol. copp.). 1809. – *Copies*: FH; IDC 1510.

12.730. *Illustrationes Theophrasti* in usum botanicorum praecipue peregrinantium ... Oxonii [Oxford] (e typographeo Clarendoniano) 1811. Oct. (*Ill. Theophr.*).
Publ.: 1811, portr., p. [i]-viii, [1]-83, 1 pl. (uncol. copp.), tabula systematica, Linneana, plantarum Theophrasti p. [1]-91, [92]. *Copies*: KU, NY.
Critical commentary: J.J. Paulet [1740-1826], *Examen d'un ouvrage* qui a pour titre: Illustrationes Theophrasti ... Paris, 1816, TL-2/7522.

12.731. *Extracts from Bruce's Travels in Abyssinia*, and other modern authorities respecting the Balsam and Myrrh trees, illustrative of the natural history of Theophrastus, and other ancient writers, with notes and three plates, by John Stackhouse, ... Bath (printed by John Binns) 1815. Oct. (*Extr. Bruce's Travels*).
Publ.: 1815, p. [i*], [i]-xxi, De Libanoto [1]-15, *3 pl.* (uncol. copp.). *Copies*: G, NY. – T.p. of the "*De Libanoto*" part: *De Libanoto*, Smyrna, et Balsamo, Theophrasti notitiae, addita de Mniasio Sari apud eundem conjectura: ex editione Historiae plantarum curante Johanne Stackhouse, Oxonii 1814. In usum peregrinantium D.D. This part of the book occurs also separately, without imprint.

Stadelmeyer, Ernst (*fl.* 1840), German (Bavarian) physician and botanist; Dr. med. 1840. (*Stadelm.*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 314; BM 5: 1998; CSP 5: 789; PR 8892; Rehder 2: 726.

12.732. Dissertatio inauguralis. *Echitis* species brasilienses novae, descriptae et adumbratae auctore Ernesto Stadelmeyer, ... Monachii [München] (typis Caroli Wolf, Doctoris) 1840. Oct. (*Echitis*).
Publ.: Jul-Dec 1840 (p. vi: Jul 1840), p. [i]-vi, [1]-80, [1-2], *pl. 1-4* (on one sheet). *Copies*: B-S, HH, MO, NY. – Pages 1-80 were subsequently published in Flora 24(1) Beibl. [1]-80. 21 Jan-21 Mai 1841.

Stadler, Solomon (1842-1917), Swiss botanist and teacher; Dr. phil. Zürich 1886; rector of the girls high school in Winterthur 1872-1878, id. at Zürich 1878-1891, rector ib. 1891-1911. (*Stadler*).

HERBARIUM and TYPES: Z.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 314; BM 5: 1998; Rehder 1: 115, 238; Tucker 1: 665.

BIOFILE: Attinger, V., Dict. hist. biogr. Suisse 6: 308. 1932.
Schröter, C., Bot. Gart. Bot. Mus. Zürich 20. 1918; Verh. schweiz. naturf. Ges. 99: 21, 28, chart. 1918.

12.733. *Beiträge zur Kenntniss der Nectarien* und Biologie der Blüthen. Inaugural-Dissertation zur Erlangung der Doctorwürde in Philosophie der hohen Philosophischen Facultät der Hochschule Zürich ... Berlin (Verlag von R. Friedländer & Sohn) 1886. Oct. (*Beitr. Kenntn. Nectarien*).
Publ.: Sep 1886 (p. iv: 15 Jun 1886; LC rd 27 Jul 1887; "soeben" 22 Oct 1886; Nat.

Nov. Oct(1) 1886), p. [i]-iv, [v, contents], [1]-88, *pl. 1-8* (uncol. liths.). *Copies*: MO, NY, US.
Commercial ed.: Sep-Dec 1886 (p. iv: 15 Jun 1886), p. [i]-iv, [v], [1]-88, *pl. 1-8* (id.). *Copies*: B, BR, HH, PH, USDA; IDC 603.
Ref.: H.N.R., J. Bot. 25: 157-158. 1887 (rev.).
Kronfeld, Österr. bot. Z. 37: 21-292. 1887 (rev.).
Rosen, Bot. Zeit. 45: 309-311. 1887 (rev.).

Stadlmann, Josef (1881-x), Austrian botanist and high school teacher; Dr. phil. Wien 1907, student of Richard Wettstein; later director of the Bundes-Gymnasium, Wien xii. (*Stadlm.*).

HERBARIUM and TYPES: WU; further material at C. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 314 (b. 18 Nov 1881); Biol.-Dokum. 17: 8840; BJI 2: 169; DTS 6(4): 199; Tucker 2: xxxvi.

BIOFILE: Janchen, E., Richard Wettstein 190. 1933.

COMPOSITE WORKS: Collaborator, A. Ginzberger, *Pflanzengeographisches Hilfsbuch*, 1939.

12.734. *Ein Beitrag zur Kenntniss der Gattung Pedicularis* L. (Sekt. Comosae Maxim.) ... Wien (Verlag des k.k. Staatsgymnasiums im xiii. Bezirke Wiens ...) 1910. Oct.
Publ.: 1910, p. [i], [1]-7. *Copy*: B. – Reprinted from Jahresber. Staatsgymn. xiii. Bez. Wien 1909/10: 1-7. – See also Mitt. naturw. Ver. Univ. Wien 4: 109-116. 1906 and Österr. bot. Z. 56: 202-205. 1906.

12.735. *Eine botanische Reise nach Südwest-Bosnien* und in die nördliche Herzegowina ... Wien (im Selbstverlage des Verfassers) 1912. Oct.
Publ.: 1912 (G copy rd 10 Jun 1912; published in journal 1911-1912; Nat. Nov. Jul(1) 1913), cover-t.p., p. [1]-44. *Copies*: B, G. – Reprinted and to be cited from Mitt. naturw. Ver. Univ. Wien 1911: 96-112, 1912: 13-21, 29-37, 48-50, 53-62. – Also: *Die botanische Reise des Naturwissenschaftlichen Vereines nach West-Bosnien* im Juli 1904, ibid. 1905(3): 41, 54, 57.

Staes, Gustaaf (1863-1918), Belgian botanist (phytopathologist), assistant ("surveillant") at the state college for horticulture at Gent 1887; technical curator at the department of botany of the University of Gent 1888 (technical curator first class from 1890). (*Staes*).

HERBARIUM and TYPES: Some material at BR.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 314 (b. 16 Jul 1863, d. 26 Oct 1918); BL 2: 33, 719; GR p. 699; LS 25633-25653, 39465-39468; Rehder 5: 819; TL-2/5189.

BIOFILE: Oye, P. van, Scient. Hist. 9(4): 233-247. 1967 (biogr. sketch, portr., phytopathol. in Belgium; b. 16 Jul 1863, d. 26 Oct 1918; bibl.).
Vandevelde, A.J.J., Jaarb. k. Vlaamsche Acad. Taal-Letterk. 30: 160. 1921.

COMPOSITE WORKS: With J. Mac Leod, *Geill. fl. Belgie* 1892 (and further eds.), see TL-2/5189.

12.736. *De korstmossen* (Lichenes) ... [Overgedrukt uit Botanisch Jaarboek uitgegeven door het kruidkundig genootschap Dodonaea te Gent. Tweede Jaargang, 1890]. Oct.
Publ.: Apr 1890 (Nat. Nov. Mai(2) 1890; Bot. Zeit. 9 Mai 1890), cover, [1]-50, *pl. 7-9*. *Copy*: FH. – Reprinted and to be cited from Bot. Jaarb. Dodonaea 2: 256-304, *pl. 7-9*. 1890.

12.737. Koninkrijk België. Nationale Landbouwbibliotheek. Bekroond werk. *De crypto-*

gamische ziekten der gekweekte gewassen ... Gent (Drukkerij I. Vanderpoorten, ...) 1896. Oct. (*Crypt. ziekten*).
Publ.: 1896 (Bot. Zeit. 16 Jan 1897; Nat. Nov. Dec(2) 1896), p. [1]-108. *Copy*: FH.

Stahel, Gerold (1887-1955), Swiss botanist; Dr. phil. Basel 1911, student of Alfr. Fischer; assistant at the botanical institute Basel 1910-1914; botanist at the Agricultural Experiment Station at Paramaribo 1914-1948, ultimately as director. (*Stahel*).

HERBARIUM and TYPES: U; further material at BM, BR, GH, K, MO, NY, RB, WAG.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 314; Biol.-Dokum. 17: 8844; JW 2: 201, 3: 370; Langman p. 716; Lenley p. 382; LS suppl. 26325-26336; Stevenson p. 1259; Tucker 3: 292.

BIOFILE: Amshoff, G.J.H., Enumeration of the herbarium specimens of a Suriname wood collection made by Prof. G. Stahel, The Hague 1948, 46 p.
Anon., Jaarb. Landbouwhoogeschool Wageningen 3: 39. 1921 (oration Wageningen); Wie is dat 246. 1931, ed. 2. 308-309. 1932.
Geijskes, D.C., Vakbl. Biol. 35(6): 85-86. 1955 (obit.; b. 29 Jun 1887, d. 13 Jan 1955).
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Reyne, A., West-indische Gids 36: 1-12. 1955 (obit., portr., bibl.).
Stahel, G. [et al.], Tijdschr. k. Ned. Aardrijksk. Genootsch. ser. 2. 43: 111-112, 268, 429-430, 545-596, map 14-15, 651-668, map 16, 757-779. 1926, 44: 16-65, maps 6-7, chart, 209-264, map 9, 383-392. 1927.
Verdoorn, F., ed., Chron. bot. 4: 561. 1938, 7: 125, 234. 1943.
Wagenaar, Hummelinck, P., Jaarb. Natuurw. Studiekring Suriname Curaçao 1: 64-65. 1946, 4: 86, 91. 1948, 6: 66, 99, 112. 1951 (lists publ.).

THESIS: *Stickstoffbindung durch Pilze* bei gleichzeitiger Ernährung mit gebundenem Stickstoff. Inaugural-Dissertation ... Universität Basel vorgelegt von Gerold Stahel aus Elgg (Kt. Zürich), Basel 1911, p. [i-ii], [1]-37, [39, cont.], [40, vita]. *Copy*: FH.

EPONYMY: *Stahelia* F.P. Jonker (1937); *Staheliella* J.H. van Emden (1974); *Staheliomyces* E. Fischer (1921).

12.737a. *De Zuid-Amerikaansche Hevea-Bladziekte* veroorzaakt door *Melanopsammopsis* Ulei nov. gen. (= Dothidella Ulei P. Hennings) ... Paramaribo (J.H. Oliveira) 1917. Oct.
Publ.: Jun 1917, p. [1]-111, 3 tables, *pl. 1-28* with text, chart with text, [1, contents]. *Copy*: U. – Bull. Dept. Landbouw Suriname 34, 1917. – The generic name was previously validly published by Stahel in Med. Dept. Landb. Suriname 1: [2]. 1915 (sero), see ING 2: 1062.

12.738. *De Expeditie naar het Wilhelmina-Gebergte* (Suriname) in 1926 [Maatschappij ter Bevordering van het Natuurkundig Onderzoek der Nederlandsche Koloniën, Bulletin no. 82-87. 1926-1927].
Bull. 82: 1926, p. [i], [1]-52, maps *14-15*; reprinted from Tijdschr. K. Ned. Aardr. Genootsch. ser. 2. 43: 545-596, maps *14-15*. 1926.
Bull. 83: 1926, p. [i], 53-70, map *16*, 3 figs. on *1 pl.* – Id. p. 651-668, map 16, 3 figs. and *1 pl.*
Bull. 84: 1926, p. [i], 71-93. – Id. p. 757-779. 1926.
Bull. 85: 1927, p. [i], 95-145, maps *6-7*, 1 chart. – Id. ser. 2. 44: 16-65, maps 6, 7, 1 chart.
Bull. 86: 1927, p. [i], 147-202, map *9*, 2 figs. on *1 pl.* – Id. p. 209-264, map *9*, 2 figs. on 1 pl.
Bull. 87: 1927, p. [i], 203-212. – Id. p. 383-392.
Copies: FAS, U.– Preliminary notices in Tijdschr. K. Ned. Aardr. Genootsch. ser. 2. 43: 111-122, 268, 429-430. 1926.

Stahl, Augustin (1842-1917), Puerto Rican botanist, of German-Dutch parents; studied medicine at Würzburg 1861-1864; Dr. med. id. 1864; Puerto Rican government

physician 1864-1865; practicing physician at Bayamón, P.R. from 1865, dedicating himself to botany in his spare time. (*A. Stahl*).

HERBARIUM and TYPES: B (mainly destr.); further material in BG, GOET, L, S, W. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 1998; CSP 11: 472, 18: 898; Morren ed. 10, p. 136; Rehder 1: 336; TL-2/3614; Tucker 1: 665, 3: 292.

BIOFILE: Chardon, C.E., Revista Agric. Puerto Rico 12(2): 68-84. 1924 (obit., b. 21 Jan 1842, d. 21 Jun 1917); *in* A. Stahl, Estudios sobra la flora de Puerto Rico, ed. 2, 1: 11-30. 1936 (b. 21 Jan 1842 in Aguadilla Puerto Rico 12 Jan 1842, see C. Coll y Toste 1918); Los naturalistas en la America latina 1: 316-319, *pl. 22*. 1949.
Coll y Toste, C., Bol. hist. Puerto Rico 5(2): 71-75. 1918.
L.C.Z., Revista Agric. Puerto Rico 12(2): 65-66, portr. 1924.
Urban, I., Symb. ant. 1: 158-159. 1898 (bibl.), 3: 131-132. 1902 (born on Curaçao, 21 Jan 1842, fide statement by Stahl himself to Urban).

EPONYMY: *Stahlia* Bello (1881). *Note*: *Stahlianthus* O. Kuntze (1891) honors Kuntze's wife, Helene Kuntze (née von Stahl).

12.739. *Estudios sobre* [2-6: para] *la flora de Puerto-Rico* ... Puerto-Rico (Tipographia de El Asimilista) [2-6: (Gonzalez & Co.)] 1883-1888, 6 parts ("folletos") (*Estud. fl. Puerto-Rico*).
1: 1883, p. [1]-20. – Literature.
2: 1884, p. [1]-191. – Las Talamifloras, Ranunc.-Ampel.
3: 1885, p. [1]-168. – Las Leguminosas.
4: 1886, p. [1]-200. – Las Calicifloras, poir el Dr. A. Esthal [sic]".
5: 1887, p. [1]-160. – Las Rubiaceas y Sinanteras.
6: 1888, p. [1]-284..– Las Gamopétalas.
Copies: B(4-5), HH(1-6), M(1-6), MO(4), USDA(2-6).
Ed. 2: 1936-1937, 3 vols. "*Estudios sobre* ... con un prólogo de Carlos E. Chardón segunda edición". San Juan de Puerto Rico (Publicaciones de la Federal Emergency Relief Administration). *Copies*: BR, FH, HH, MICH, MO, NY, PH, US, USDA.
1: 1936 (date on cover; US copy rd 5 Jun 1937), p. [1]-343, portr. Stahl.
2: 1936 (US copy rd 24 Sep 1937), p. [1]-365.
3: 1937 (t.p.; cover: 1936; BR rd 29 Oct 1937; US copy also rd 29 Oct 1937), p. [i], [1]-373.

Stahl, [Christian] Ernst (1848-1919), Alsatian botanist; student of W. Schimper at Strassburg (gymnasium) and of Millardet (ib., University), of A. de Bary at Halle 1871-1872, and with the same in Strassburg 1872-1873; Dr. phil. ib. 1873; assistant at the botanical institute 1874-1877; habil. Würzburg 1877; ordinary professor of botany at Jena 1881-1919; in Java (Buitenzorg) 1889-1890, and Mexico 1894. (*Stahl*).

HERBARIUM and TYPES: Some material at BR, L, M (lich.). – *Letters* to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 98, 210, 319, 347; Barnhart 3: 314 (b. 21 Jun 1848, d. 3 Dec 1919); Biol.-Dokum. 17: 8845; BJI 1: 55, 2: 169; BM 5: 1998-1999, 8: 1234-1235; Bossert p. 380; CSP 8: 995, 11: 472-473, 12: 697, 18: 898-899; De Toni 1: cxviii-cxix, 4: liv; Frank 3 (Anh.): 99; GR p. 298-299, *pl.* [*31*]; Herder p. 123; Jackson p. 161; Kelly p. 218; Lenley p. 382; LS 25654-25660; Moebius p. 111, 456; Morren ed. 10, p. 24; Rehder 5: 819; SK 1: 497-498; TL-2/see Renner; Tucker 1: 665, 3: 292.

BIOFILE: Anon., Bot. Zeit. 35: 504. 1877 (habil. Würzburg), 38: 160. 1880 (extraord. prof. bot. Strassburg), 39: 215. 1881 (called to Jena), 68: 208. 1910 (corr. memb. Akad. Wien); Deut. biogr. Jahrb. 1917-1920: 734.; Nat. Nov. 3: 63. 1881 (called to Jena), 32: 435. 1910 (corr. memb. Akad. Wien), 33: 292. 1911 (id. "Akad." Uppsala), 42: 50, 130. 1920 (left DM 300.000 to Bot. Inst Jena); Österr. bot. Z. 31:

170. 1881 (called to Jena), 68: 344. 1919 (d.), 69: 192. 1920 (left DM 300.000 to Bot. Inst. Jena).
Bergdolt, E., Karl von Goebel ed. 2. 262 [index]. 1941.
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Verdoorn, F., ed., Man. pteridol. 639 [index]. 1938.
Wittrock, V.B., Acta Horti berg. 3(2): 143-144, *pl. 27*. 1903, 3(3): 153. 1905.

COMPOSITE WORKS: (1) *Die Schutzmittel der Flechten gegen Tierfrass* in Festschrift zum siebzigsten Geburtstage von Ernst Haeckel, Jena 1904, p. 355-376.
(2) *Mexikanischen Kakteen, Agaven- und Bromeliaceen Vegetation* and *Mexikanische Nadelhölzer und Xerophyten* in G. Karsten & H. Schenk, Vegetationsbildern, 1(8): 1903; 2(3/4): *pl. 13-24*. 1904.

NOTE: Stahl was born on 21 Jun 1848 in Schiltigheim nr Strassburg, at a time that Alsatia belonged to France; he belonged to an old Alsatian family.

FESTSCHRIFT: *Festschrift zum siebzigsten Geburtstage von Ernst Stahl in Jena*, Jena (Gustav Fischer) 1918, viii, 724 p., special issue of *Flora*, combined vols. 111/112 (ed. K. Goebel).

12.740. *Entwickelungsgeschichte und Anatomie der Lenticellen.* Inaugural-Dissertation der philosophischen Facultät der Universität Strassburg im Elsass zur Erlangung der Doctorwürde ... Halle a. Saale (Gebauer-Schwetschke'sche Buchdruckerei) 1873. Oct. (*Entw.-Gesch. Lenticellen*).
Publ.: Sep 1873 (in journal), col. [1]-35, *pl. 5* (uncol. lith. C.F. Schmidt). *Copies*: FH, G. – Preprinted or reprinted from Bot. Zeit. 31: 561-568. 5 Sep ,.577-584. 12 Sep, 593-601. 19 Sep, 609-617, *pl. 5*. 26 Sep 1873.

12.741. *Beiträge zur Entwickelungsgeschichte der Flechten* ... Leipzig (Verlag von Arthur Felix) 1877, 2 Hefte. Oct. (*Beitr. Entw.-Gesch. Flecht.*).
1: Mai 1877 (Bot. Zeit. 18 Mai 1877; J. Bot. Jun 1877; Hedwigia Jun 1877), p. [i-vi], [1]-55, [56], *pl. 1-4* (partly col. liths. auct.). – *Ueber die geschlechtliche Fortpflanzung der Collemaceen.*
2: 1877 (Bot. Zeit. 7 Dec 1877), p. [1]-32, *pl. 5-6* (id.). – *Ueber die Bedeutung der Hymenialgonidien* (combines fungal and algal component experimentally; crucial experiment).
Copies: B, FH, G, HH, MICH, NY, U, Stevenson.
Other issue of part 1: Mai 1877, p. [i-iii], [1]-55, [56], *pl. 1-4*. *Copy*: PH. – *Ueber die geschlechtliche Fortpflanzung der Collemaceen.* Habilitations-Schrift der philosophischen Facultät der Universität Würzburg ... Würzburg 1877.

12.742. *Über sogenannte Compasspflanzen* ... Jena (Verlag von Gustav Fischer ...) 1881. Oct.
Publ.: 1881 (Bot. Zeit. 30 Dec 1881; Nat. Nov. Dec(1) 1881), p. [1]-11, [12, expl. pl.], *1*

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Ed.2 : 1882, fide Bot. Zeit. 26 Jan 1883; Nat. Nov. Dec(1) 1882.
Ref.: Haberlandt, G.J.F., Bot. Zeit. 40: 281-282. 1882 (rev.).

12.743. *Zur Biologie der Myxomyceten* ... [Bot. Zeit. 42, 1884]. Qu.
Publ.: Mar 1884 (in journal), col. [1]-16. *Copies*: B, FH, H. – Reprinted and to be cited from Bot. Zeit. 42: 145-155. 7 Mar, 161-176. 14 Mar, 187-191. 21 Mar 1884.

12.744. *Pflanzen und Schnecken.* Eine biologische Studie über die Schutzmittel der Pflanzen gegen Schneckenfrass ... Jena (Verlag von Gustaf Fischer) 1888. Oct.
Publ.: 1888 (Bot. Zeit. 16 Nov 1888), p. [i]-vii, [1]-126. *Copies*: FH, H. – Reprinted and to be cited from Z. Naturw. Jena 22: 557-684. 1888.
Ref.: Schube, Th., Bot. Jahrb. 11 (Lit.): 4-5. 1889.
Wortmann, Bot. Zeit. 46: 750-754. 1888 (rev.).

Stahlecker, Eugen (1867-?), German (Württemberg) botanist and high school teacher at Korntal; student of L.M. Fünfstück. (*Stahlecker*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 315 (b. 22 Mai 1867); GR p. 140; LS 25662, 39472.

12.745. *Untersuchungen über Thallusbildung und Thallusbau* in ihren Beziehungen zum Substrat *bei siliciseden Krustenflechten.* Inaugural-Dissertation verfasst und der hohen philosophischen Fakultät der kgl. Julius-Maximilians-Universität Würzburg zur Erlangung der Doktorwürde vorgelegt am 6. Februar 1905 ... Stuttgart (K. Hofbuchdruckerei Zu Gutenberg (Cal Grüninger) Klett & Hartmann) 1905. Oct. (*Unters. Thallusbild. Krust.-Flecht.*).
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Stakman, Elvin Charles (1885-1979), American mycologist, palynologist and phytopathologist; studied at the University of Minnesota; B.A. ib. 1906; with Minnesota public schools 1906-1909; instructor in plant pathology Univ. Minnesota 1909; Dr. phil. ib. 1913; asst. professor ib. 1913-1916, assoc. professor 1916-1918; regular professor 1918-1953; head of the section of plant pathology, Univ. Minnesota and pathologist at the office of cereal investigations, U.S.D.A. at St. Paul. Minnesota 1940-1953; emeritus professor 1953-1979; specialist on cereal rusts and smuts. (*Stakman*).

HERBARIUM and TYPES: MPPD; some further material at IAC. – *Letters* at G, HU.

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EPONYMY: *Stakmania* Kamat et Sathe (1968).

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Co-authors: J.J. Christensen, C.J. Eide, Bjφrn Peturson.
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Co-authors: M.N. Levine, J.J. Christensen, K. Isenbeck.
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Stampfer, Cölestin (1823-1895), Austrian botanist; Benedictine clergyman and high school teacher at the Gymnasium of Meran (Merano). (*Stampfer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 315 (b. 3 Sep 1823, d. 19 Jan 1895); DTS 1: 286-287; WU 37: 125-126.

BIOFILE: Anon., Brit. Mus. gen. cat. print. books 228: 411..1964; Cat. gén. livr. impr. Bibl. natl. 177: 146. 1950.

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Publ.: 1876 (at the end of the school term 1875/76; i.e. Mai-Jun 1876), p. [1]-62, of which p. [3]-[37] occupied by *Syst. Verz.*, rest Schulnachrichten. *Copy*: MO.

Standley, Paul Carpenter (1884-1963), American botanist; M.Sc. New Mexico State College 1908; assistant ib. 1908-1909; botanist at the U.S. National Museum, Smithsonian Institution 1909-1928; id. with the Field Museum of Natural History, Chicago 1928-1950; with the Escuela agrícola Panamericana 1950-1956; in retirement at Tegucigalpa 1957-1963; prolific botanist, collector and student of the New World floras, botanical explorer of Central and Western North America. (*Standl.*).

HERBARIUM and TYPES: F and US (types indicated in publications); duplicates at A,

AMES, BH, BPI, BR, C, CR, CUP, DS, E, EAP, ENAG, F, G, GH, GRI, K, L, M, MAD, MICH, MO, NMC, NY, PH, POM, S, U, W. – *Field notes* at F and US. *Letters* at G and HU.

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EPONYMY: *Standleya* Brade (1932); *Standleyacanthus* E.C. Leonard (1952); *Standleyanthus* R.M. King et H.E. Robinson (1971).

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Co-author: Elmer Ottis Wooton (1865-1945).
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Publ.: 31 Jan 1928, frontisp., p. [i]-x, 1-416, [1, h.t.], *pl. 1-66*. *Copies*: B-S, BR, G, MO, NY, U, US, USDA. – Issued as Contr. U.S. natl. Herb. 27. 1928.
Facsimile ed.: 1968, Lehre (Verlag von J. Cramer), Reprints of US-floras, volume 1, p. [i*-ii* new t.p.], frontisp., p. [i]-x, 1-416, [1, h.t.], *pl. 1-66*. *Copy*: FAS. – See Taxon 18: 459. 1969.

12.786. *Studies of American plants* –I-XI ... Chicago 1929-1940. Oct.
Publ.: 1929-1940, 11 papers published in Bot. Ser. Field Mus. nat. Hist. as follows (*copies*: FAS, U, US).
1-2: 24 Oct 1929, 4(8): 197-345.
3: 9 Jul 1930, 8(1): 3-73.
4: 22 Oct 1930, 8(3): 133-236.
5: 25 Jun 1931, 8(5): 295-398.
6: 10 Feb 1936, 11(5): 145-276.
7: 28 Sep 1937, 17(2): 155-224.
8: 10 Dec 1937, 17(3): 227-284.
9: 26 Jan 1940, 22(1): 3-62.
10: 12 Jun 1940, 22(2): 65-129.
11: 10 Sep 1940, 22(3): 133-218.

12.787. *The Rubiaceae of Colombia* ... Chicago (Field Museum of Natural History) 1930. Oct.
Publ.: 22 Jan 1930, p. [i]-iii, [1]-175. *Copies*: B, BR, G, NY. – Issued and to be cited as Publ. Field Mus., Bot. 7(1), 1930.

12.788. *Flora of Yucatan* ... Chicago (Field Museum of Natural History) 1930. Oct.
Publ.: 11 Sep 1930, p. [i-ii], 157-492. *Copies*: B, BR, NY, US, USDA. – Issued and to be cited as Publ. Field Mus., Bot. 3(3). 1930.
Extract: R.M. Harper, *Useful plants of Yucatan*, Bull. Torrey bot. Club 59: 279-288. 1932.

12.789. *Flora of the Lancetilla Valley* Honduras ... Chicago (Field Museum Natural History) 1931.
Publ.: 15 Jan 1931, p. [1]-418, *pl. 1-68. Copies*: B-S, BR, MO, NY, US, USDA. – Issued as Publ. Field Mus., Bot. 10. 1931.

12.790. *The Rubiaceae of Ecuador* ... Chicago (Field Museum Natural History) 1931. Oct.
Publ.: 5 Feb 1931, p. [177]-251. *Copies*: MO, NY. – Issued and to be cited as Publ. Field Mus., Bot. 7(2): 1931.

12.791. *The Rubiaceae of Bolivia* ... Chicago (Field Museum Natural History) 1931. Oct.
Publ.: 16 Jun 1931, p. [253]-339. *Copies*: MO, NY. – Issued and to be cited as Publ. Field Mus., Bot. 7(3). 1931.

12.792. *The Rubiaceae of Venezuela* ... Chicago (Field Museum Natural History) 1931. Oct.
Publ.: 12 Oct 1931, p. [341]-485. *Copies*: MO, NY. – Issued and to be cited as Publ. Field Mus., Bot. 7(4): [341]-485. 1931.

12.793. Botany of the Maya area: miscellaneous papers. iv. *New plants from the Yucatan Peninsula* [Washington 1935]. Oct.
Publ.: 26 Nov 1935, cover-t.p., p. [49]-91. *Copy*: US. – Reprinted and to be cited from Carnegie Inst. Washington Publ. 461: 49-61. 1935.

12.794. *The forests and flora of British Honduras* ... Chicago (Field Museum of Natural History) 1936. Oct. (*For. fl. British Honduras*).
Junior author: Samuel Jones Record (1881-1945), see TL-2/4: 620.
Publ.: 27 Jan 1936, p. [1]-432, *pl. 1-16. Copies*: B-S, BR, G, H, NY, U, US, USDA. – Issued and to be cited as Publ. Field Mus., Bot. 12, 1936.
Preliminary publ.: P.C. Standley, *New plants from British Honduras*, Publ. Field Mus., Bot. 1(4): 127-142. 15 Dec 1932.

12.795. *Flora de Costa Rica* ... San José (Imprenta del Museo Nacional) 1937-1940, 4 parts. †. Oct. (*Fl. de Costa Rica*).
1(1): Aug 1937, p. [1]-48.
1(2): 1938 (rd USDA 27 Oct 1938), p. [i], 49-98.
1(3): 1939 (rd MICH 22 Jun 1939, USDA 30 Jun 1939), cover, p. [99]-146.
1(4): 1940 (rd USDA 31 Mai 1940), cover, p. 147-194.
Copies: FAS, G, M, MICH, U, USDA. – A Spanish version of the *Flora of Costa Rica*, treated below.

12.796. *Flora of Costa Rica* ... Chicago (Field Museum of Natural History) 1937-1940, 4 parts. Oct. (*Fl. of Costa Rica*).
Publ.: 1937-1940, in four parts as Publ. Field Mus., Bot. 18. *Copies*: BR, G, U, US, USDA.
1: 12 Oct 1937, cover, map, [1]-398.
2: 20 Oct 1937, cover, [399]-780, i-ix.
3: 29 Jul 1938, cover, [781]-1133, i-iii.
4: 30 Nov 1938, cover, [1135]-1616 (1573-1616: index).

Stange, Johann Carl Thomas (1792-1854), German (Prussian-Saxony) botanist and

high school teacher; studied theology and philology at Halle a. S.; teacher at the Friedrichs Gymnasium, Frankfurt a. Oder. (*Stange*).

HERBARIUM and TYPES: Unknown. Stange is known to have made a herbarium (O. Stange 1862);

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 316 (b. 30 Jun 1792, d. 30 Oct 1954); PR 8901, ed. 1: 9866; Rehder 1: 380.

BIOFILE: Ascherson, P., Fl. Provinz Brandenburg 1: 14. 1864.
Lowden, R.M., Taxon, index pers. names vols. 1-30: 695. 1985.
Stange, O., Verh. bot. Ver. Brandenburg 3/4: 370-372. 1862 (d. 3 Oct 1854).

EPONYMY: *Stangea* Graebner (1906) honors the family of Graebner's wife.

12.797. Ankündigung der öffentlichen Prüfung, so wie der zu haltenden Stiftungsrede und anderer Schulfeierlichkeiten, welche Freitag den 22sten und Sonnabend den 23sten März in dem hiesigen Friedrichs-Gymnasium statt finden werden, und zu welchen alle Gönner und Freunde des Schulwesens hiermit ergebenst einladet Dr. Ernst Friedrich Poppo, Director des Gymnasiums. Inhalt 1. *Index plantarum phanerogamarum, quae in agro Francofurtano nascuntur* vom Oberlehrer Stange. 2. Schulnachrichten vom Direktor. Frankfurt a/O. (Gedruckt bei Trowitzsch & Sohn, ...) 1839. Qu. (*Index pl. phan. Francofurt.*).
Publ.: Mar 1839, p. [i]-xxv [*index*], 1 [verso of xxv]-9 [Schulnachrichten]. *Copies*: B-S (2, of which one complete).

Stanger, William (1811-1854), British physician, geologist and surveyor; M.D. Edinburgh; practicing physician in London; on the Niger Expedition of H. Trotter 1841; in South Africa 1843-1854; surveyor general in Natal from 1845-1854. (*Stanger*).

HERBARIUM and TYPES: BM, K; further material in E, MO. *Correspondence* with W. J. Hooker at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 316 (d. 14 Mar 1854); BB p. 286; BM 5: 2001; Desmond p. 579; PR (alph.).

BIOFILE: Anon., Amer. J. Sci. ser. 2. 20: 392-393. 1855; Bot. Not. 1855: 159 (d. 21 Mar 1854); Bot. Zeit. 12: 727. 1854 (d. 21 Mar 1854); Flora 37: 704. 1854 (d.); Österr. bot. W. 4: 366. 1854.; Quart. J. geol. Soc. 1855: xlii-xliii.
Bayer, A.W., S. Afr. J. Sci. 67: 401-411. 1971.
Boase, F., Modern Engl. biogr. 3: 704. 1965.
Bridson, G.D.R. et al., Nat. hist. mss. res. Great Britain 435.2. 1980.
Clark, J., Africana Notes and News 20(2): 51-53. 1972.
Gunn, M. & L.E. Codd, Bot. expl. S. Afr. 71, 331-332. 1981 (portr., on *Stangeria*).
Leverton, Dict. S. Afr. biogr. 2: 702 (n.v.).
Smith, J., London J. Bot. 6: 88. 1854.

EPONYMY: *Stangeria* T. Moore (1853).

Stansbury, Howard (1806-1863), American explorer; in corps of civil engineers surveying the Great Lakes area until 1838, from then on officer in the corps of topographical engineers; in command of an expedition to explore and survey the Great Salt Lake region 1849-1850; ultimately at Madison, Wisc. (*Stansb.*).

HERBARIUM and TYPES: Material at NY. *Correspondence* with J. Torrey at NY.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 316 (b. 8 Feb 1806, d. 17 Apr 1863); BM 5: 2002; DAB 17: 516; Ewan ed. 1: 220, 312-313; Herder p. 60; Hortus 3: 1204; ME 3: 114-116; PR 8903; Rehder 1: 322; Tucker 1: 666.

BIOFILE: Anon., Amer. ann. Cycl. 1863: 703-704. 1864 (summary of his exploration and surveys); Who was who in America 1607-1896: 573. 1967.
McKelvey, S.D., Bot. expl. Trans.-Miss. West xvii, 673, 678, 1077-1086, 1139. 1955.
Reveal, J., *in* A. Cronquist et al., Intermountain flora 1: 49-51. 1972.
Sabin, J. et al., Dict. books relating to America 23: 185-187. 1932-1933 (bibl.).
Wilson, J.G. & J. Fiske, Appl. Cycl. Amer. Biogr. 5: 647. 1888.

12.798. *An expedition to the valley of the Great Salt Lake of Utah*: including a description of its geography, natural history, and minerals, and an analysis of its waters: with an authentic account of the Mormon settlement. Illustrated by numerous beautiful plates, from drawings taken on the spot. Also, a reconnaissance of a new route through the Rocky Mountains, and two large and accurate maps of that region ... Philadelphia (Lippincott, Grambo & Co.) 1852. Oct. (*Exped. Great Salt Lake*).
Publ.: 1853 (p. [2]: 19 Apr 1852), frontisp., p. [1]-487, *57 pl.*, 3 maps. *Copy*: MO. – Botany by John Torrey in Appendix D, p. 381-397, *pl. 1-9*. "Catalogue of plants collected by the expedition, by J. Torrey". – A different issue, a Senate document, with 495 p. is mentioned by Tucker 1: 666. (Special session Mar 1851, Senate Exec. no. 3); for further details see Sabin, J. et al. (1932-1933), ME 3: 114-116 and F.V. Coville, Bull. Torrey bot. Club 23: 137-139. 1896 who describes three editions of the report.

Stansfield, Abraham (1802-1880), British nurseryman at Ecclesholme and Vale Gardens, Todmorden. (*Stansf.*).

HERBARIUM and TYPES: Formerly at TDN and TOD; not traced (Kent 1957; Kent & Allen 1984).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 316 (b. 12 Jan 1802, d. 15 Aug 1880); BB p. 286; BL 2: 252, 279, 719; Desmond p. 580; Jackson p. 152.

BIOFILE: Anon., Gard. Chron. 1880(2): 283-284 (obit.); J. Bot. 18: 320. 1880 (d.); J. Hort. Cottage Gard. 1: 187-188. 1880.
Crump, W.B. & C. Crossland, Fl. parish Halifax lxi-lxii. 1904.
Dallman, A.A. & M.H. Wood, Trans. Liverpool Bot. Soc. 1: 91. 1909.
Hawksworth, D.L. & M.R.D. Seaward, Lichenology Brit. Isl. 154. 1977.
Kent, D.H., Brit. herb. 79. 1957 (herb. formerly at TOD).
Kent, D.H. & D.E. Allen, Brit. Irish herb. 249. 1984.
Palmer, J., Lancashire Naturalist 1913: 4-5 (tribute).

12.799. *Flora of Todmorden*, by the late Abraham Stansfield and John Nowell (of Todmorden). Edited by Abraham Stansfield (of Manchester). To which is added a list of the birds of Todmorden, by Walter Greaves (of Hebden Bridge) s.l.n.d. [1911]. Oct.
Publ.: 1907-1911 (in journal, p. [iv] of reprint: 31 Mar 1911), p. [i-vii], 1-56, [1a]-10a (birds), [i]-x. *Copy*: NY. – Reprinted from Lancashire Natural. 1: 106-109, 121-123, 135-138, 153-156, 163-166, 179-182. 1907-1908; 2: 56-56, 67-68, 122-127, 158-159, 167-169, 201-204, 249-252, 285-288, 311-314, 347-350, 355-360. 1909-1910. – Vascular plants on p. 1-36 of reprint. – See BL 2: 279.

Stapf, Otto (1857-1933), Austrian botanist; Dr. phil. Wien 1908; assistant with Kerner von Marilaun, Wien 1882-1889; in Persia 1885; habil. Univ. Wien 1887; assistant at the Royal Botanic Gardens, Kew 1890, principal assistant 1899, keeper of the herbarium 1909-1922, botanical secretary of the Linnean Society 1908-1916; in retirement at Kew as editor of the *Botanical Magazine* 1922-1933 and of the *Index londinensis*; died on a summer trip to Austria. (*Stapf*).

HERBARIUM and TYPES: K and WU; duplicates A, C, E, IBF, LI, M (lich.), MO, NMW, P. – *Letters* and *mss.* at K; further letters at G, GH.

BIBLIOGRAPHY and BIOGRAPHY: Backer p. 546; Barnhart 3: 317; Biol.-Dokum. 17: 8861; BJI 1: 55, 2: 170; BL 1: 32, 41, 61, 104, 319; Blunt p. 183, 187, 188, 226; BM 8: 1237;

Bossert p. 380; Bret. p. 824; CSP 18: 906; Desmond p. 580 (b. 23 Mar 1857, d. 3 Aug 1933); DTS 1: 287; Hortus 3: 1204; IH 1 (ed. 7): 343; Langman p. 719; Lenley p. 382; LS 25670-25671; Morren ed. 10, p. 29; MW p. 466-470 (many other items not cited in other bibl.); NI 1886; NW p. 58; Rehder 5: 820; Saccardo 1: 158, 2: 104; SK 1: cxxiii, 4: cxix, cxxxv, cxlvi; TL-2/1290, 2448, 7055, see indexes; Tucker 1: 666, 3: 293; Urban-Berl. p. 314; Zander ed. 10, p. 720, ed. 11, p. 822.

BIOFILE: Allan, M., The Hookers of Kew 249-250. 1967.

Anon., Bot. Centralbl. 36: 128. 1888 (habil. Wien), 45: 228, 355. 1891 (app. K), 74: 224. 1898 (F.L.S.), 78: 192. 1899 (principal asst.), 110: 528. 1909 (keeper K); Bot. Mag. 157(4). 1934 (frontisp., portr.); Bot. Monatschr. 16: 155. 1898 (fellow Linn. Soc.); Bull. misc. Inf. Kew 1899: 19 (principal asst. K), 1922: 95 (retirement), 1927: 252 (gold medal Linn. Soc.), 1933: 366 (d.); Bull. misc. Inf. Kew 1933: 369-378 (obit., bibl.); Cat. gén. livr. impr. Bibl. natl. 177: 273-274. 1950; Gard. Chron. 94: 134. 1934; Hedwigia 38: (179). 1899 (princ. asst. K), 54: (189). 1914 (corr. memb. Akad. Wien), 74: (140). 1934 (d.); J. Kew Guild 1921: 83 (retirement), 1923: 283-284 (obit., portr. with W.B. Hemsley, D. Oliver and J.G. Baker); Nat. Nov. 21: 87. 1899 (princ. asst. K), 31: 287. 1909 (keeper K); Nature 132: 305. 1933 (obit.); Österr. bot. Z. 36: 38. 1886 (returned from Persia), 41: 80. 1891 (to K), 46: 754. 1888 (habil. Wien), 49: 238. 1899 (princ. asst. K), 59: 127. 1909 (keeper K), 82: 360. 1933 (d.); Proc. Linn. Soc. 139: 53-54. 1927 (Linnean medal); The Times 8 Aug 1933; Who's who (London) 1909-1932; Who was who 3 (1929-1940): 1281-1282.

Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. isl. 269.337. 1980.

Bullock, A.A., Bibl. S. Afr. bot. 111-112.1978.

Castellanos, A. & R.A. Pérez-Moreau, Lilloa 7: 545 [index]. 1941 (list of publ. on Argentine bot.).

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Cordier, H., Bibl. sin. 5: 3419-3420. 1972.

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Degener, H.A.L., Wer ist's ed. 4. 1355. 1909.

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Hill, A.W., Obit. Not. Roy. Soc. 1933(2): 115-118; J.R. Hort. Soc. 59(1): 127-130. 1934 (obit., portr.).

Huxley, L., Life letters J.D. Hooker 2: 286, 287, 288bis, 290. 1918.

Karsten, M.C., The Old Company's Garden 159-163. 1951.

Kent, D.H. & D.E. Allen, Brit. Irish herb. 249. 1984.

Lowden, R.M., Taxon, index pers. nam. vols. 1-30. 696. 1985.

Rendle, A.B., J. Bot. 71: 296-299. 1933 (obit.).

Schmid, G. & C. Thesing, Biol. Kalend. 1: 318. 1914.

Stapf, O., Verh. zool.-bot. Ver. Wien 36 (S.B.): 7-9. 1886; Bot. Centralbl. 26: 61-62. 1886 (account of S.'s Iranian journey of 1885).

Stephenson, H.H., Who's who sci. int. 1912-1914.

Turrill, W.B., Bot. Soc. Exch. Cl. Brit. Isl. Rep. 10(3): 511-514. 1934 (obit.); Ber. deut. bot. Ges. 52: (210)-(222). 1934 (obit., portr., bibl.).

Verdoorn, F., ed., Chron. bot. 1: 29, 40. 1935, 6: 416, 417. 1941, 7: 92. 1943.

COMPOSITE WORKS: (1) D. Oliver, *Fl. trop. Afr.*:

Apocynaceae, 4(1): 24-192. Jul 1902, 4(1)2: 193-231. Dec 1902.

Orobanchaceae, 4(2)3: 462-468. Jun 1906.

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*Pedalineae*4(2)3: 538-570. Jun 1906.

Verbenaceae 5(2)2: 273-332. Jun 1900 (with J.G. Baker).

Myristicaceae 6(1)1: 156-167. Mar 1909.

Laurineae 6(1)1: 171-188. Mar 1907.

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Gramineae 9(1): 1-192. 1 Jul 1917, 9(2): 193-384. 29 Jan 1919, 9(3): 385-576. 24 Jun 1919, 9(4): 577-763. 5 Aug 1920, with C.E. Hubbard, 9(5): 769-944. 12 Aug 1930, 9(6): 945-1132. 1 Jan 1934.

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Apocynaceae 4(1)4: 490-518. Nov 1907.
Lentibulariaceae 4(2)3: 42-437. Oct 1904. *Pedalineae* 4(2)3: 454-463. Oct 1904.
Laurineae 5(1)3: 493-502. Jan 1912.
Proteaceae 5(1)3: 502-640. Jan 1912 (with J. Hutchinson & E.P. Phillips).
Podocarpaceae 5(2, suppl.): 3-4. 1933.
Cupressaceae 5(2, suppl.): 14-24. 1933.
Gramineae 7(2): 310-384. Jul 1898, 7(3): 385-576. Aug 1899, 7(4) 577-750. Mai 1900.
(3) EP, *Martyniaceae* 4(3B): 265-269. 12 Mar 1895, *Pedaliaceae* 4(3B): 263-265. 12 Mar 1895.
(4) *The known plants of Liberia* in H. Johnston, Liberia 2: 570-668. 1906.
(5) Contributed to Hooker's *Icones plantarum*: pl. 2253, 2261, 2263, 2264, 2266 (1893); 2279, 2280, 2289-2292, 2294-2296, 2308-2312, 2332, 2333 (1894); 2388, 2391, 2394-2396, 2411, 2414-2421 (1895); 2442, 2446-2448, 2455, 2474, 2494 (1896); 2517, 2525 (1897); 2568 (1898); 2596, 2597, 2601-2615 (1899); 2640, 2641, 2646, 2652, 2660, 2666 (1900); 2685, 2689, 2690, 2693-2698, 2711, 2721 (1901); 2742, 2743A, 2745, 2746 (1902); 2763, 2764, 2773 (1903); 2794-2798 (1905); 2822-2825 (1906); 2826, 2840 (1907); 2927, 2930, 2934, 2936-2938, 2947-2950 (1911); 2983-2984 (1913); 3006, 3009, 3010, 3014, 3030, 3031, 3033, 3050 (1915); 3068-3075 (1916); 3076-3100 (1922); 3120-3125 (1927); 3126-3128 (1930).
(6) Editor, *Botanical Magazine*, vols. 148-156, 1922-1933, *pl. 8934-9336*. – *Stapf's own contributions are*: pl. 7947 (1904), 7994, 8012, 8034 (1905); 8061, 8075, 8076, 8078, 8086 (1906); 8113, 8123, 8128, 8138, 8146, 8148, 8152, 8169 (1907); 8173, 8179, 8181, 8185, 8188, 8196, 8197, 8209, 8226 (1908); 8233, 8239, 8244, 8250, 8254, 8256, 8258, 8259, 8265, 8272, 8279, 8284, 8286 (1909); 8293, 8311, 8316, 8318, 8323, 8335, 8340, 8343, 8345, 8347, (1910); 8353, 8360, 8368, 8373, 8389, 8398, 8405, 8406 (1911); 8413, 8418, 8430, 8433, 8438, 8446, 8447, 8459, 8464, 8465, 8469 (1912); 8485, 8493, 8499, 8506, 8515, 8516 (1913); 8543, 8552, 8559, 8563, 8571, 8575, 8584, 8589, 8591 (1914); 8592, 8593, 8602, 8608, 8615, 8640 (1915); 8657, 8661, 8664, 8667, 8671, 8677, 8682, 8684, 8685, 8691 (1916); 8693, 8706, 8711, 8717, 8720, 8732, 8734, 8738 (1917); 8742, 8743, 8756, 8773 (1918); 8793, 8808, 8812, 8813, 8820 (1919); 8840, 8844, 8849, 8859 (1920).
(7) *Sida, in* H. Schinz & A. Guillaumin, eds., *Nova Caledonia, B. Botanik*, 1914-1921, p. 178; see under Schinz.

EPONYMY: *Neostapfia* Davy (1899); *Neostapfiella* A. Camus (1926); *Stapfia* R. Chodat (1897); *Stapfia* Davy (1898); *Stapfiella* Gilg (1913); *Stapfiola* O. Kuntze (1903); *Stapfiophyton* Hui-Lin Li (1944); *Ottochloa* Dandy (1931).

12.800. *Die botanischen Ergebnisse der Polak'schen Expedition nach Persien* im Jahre 1882. Plantae collectae a dre J.E. Polak et Th. Pichler von Dr. Otto Stapf ... Wien (aus der kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1885-1886, 2 parts . Qu.
Collectors: J.E. Polak (d. 1891), Thomas Pichler (1828-1903).
Authors: R. v. Wettstein, C. Fehlner, E. Hackel, C. Richter, G. Beck, A. Heimerl, O. Stapf, J. Freyn, E. Woloszak, H. Braun, A. Zimmeter. – Types WU.
1: 1885 (Bot. Jahrb. 30 Oct 1885; Nat. Nov. Sep(2) 1885; Bot. Centralbl. 28 Sep-20 Oct 1885; G copy rd Aug 1886; ÖbZ 1 Mai 1886), p. [i-iii], [1]-71. – Reprinted and to be cited from Denkschr. math.-nat. Cl. kais. Akad. Wiss., Wien 50(1): 1-72. 1885.
2: 1886 (Bot. Zeit. 24 Sep 1886; Nat. Nov. Sep(2) 1886), p. [1]-77, [79]. – Id. 51(2): 271-346. 1886.
Copies: B, G(2), HH, M, NY.
Note: J.E. Polak was physician to the Iranian shah Nasr-Edin, 1851-1860; he subsequently sponsored a number of expeditions to Iran, the first of which, with Th. Pichler and F. Wähner, took place 1881-1882; the second by O. Stapf, 1885. – Eponymy: *Polakia* Stapf.
Ref.: Anon., Bot. Centralbl. 48: 239-240. 1891 (on death of J.E. Polak).
Roth, E., Bot. Centralbl. 30: 206-209. 1887 (rev.).

12.801. *Beiträge zur Flora von Lycien*, Carien und Mesopotamien. Plantae collectae a D^re^. Felix Luschan ann. 1881, 1882, 1883 ... Wien (aus der kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1885-1886. Qu. 2 parts.

Authors: R. v. Wettstein, E. Hackel, C. Richter, G. Beck, A. Heimerl, J. Freyn, A. Zimmeter and O. Stapf.
Collector: Felix Luschan, coll. at WU.
1: 1885 (mss. submitted 13 Nov 1884; Bot. Zeit. 25 Nov 1885; Bot. Centralbl. 7-11 Dec 1885; Nat. Nov. Dec(1) 1885), p. [i], [1]-47, [49, index]. – Reprinted and to be cited from Denkschr. math.-nat. Cl. kais. Akad. Wiss., Wien 50(2): 72-120. 1885.
2: 1886 (mss. submitted 9 Jul 1885; Bot. Zeit. 26 Nov 1886; Nat. Nov. Nov(1) 1886), p. [i], [1]-39, [41, index]. – Id. 51(2): 347-384. 1886.
Copies: B, G, NY.

12.802. *Vegetationsbilder aus dem südlichen und mittleren Persien* ... [Botanisches Centralblatt 28(8-10)] 1886. Oct.
Publ.: 1886, p. [1]-8. *Copy*: G. – Reprinted and to be cited from Bot. Centralbl. 27: 211-214, 243-245, 275-278. 1886. – See also his "Die Steppen von Süd- und Mittel-Persien", p. [1]-4. *Copy*: G, reprinted from Monatsbl. Wiss. Club, Wien 10 (15 Jul 1886).

12.803. *Drei neue Iris-Arten* ... [Verh. k.k. zool.-bot. Ges. Wien] 1887. Oct.
Publ.: 1887, p. 1-2. *Copy*: FI. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 37 (Abh.): 649-650. 1887.

12.804. *Beiträge zur Flora von Persien* ... [Verh. k.k. zool.-bot. Ges. Wien] 1888-1889. Oct.
1: 1888 (Bot. Centralbl. 30 Jul-10 Aug 1888; Nat. Nov. Aug(1) 1888), p. [1]-4. – Reprinted and to be cited from Verh. k.k. zool.-bot. Ges. Wien 38 (Abh.): 549-552. 1888.
2: 1889 (Bot. Centralbl. 13 Aug 1889; Nat. Nov. Jul(1) 1889), p. [1]-8. – Id. 39 (Abh.): 205-212. 1889.
Copies: BR, G, HH.

12.805. *Die Arten der Gattung Ephedra* ... Wien (aus der kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1889. Qu.
Publ.: Dec 1889 (mss. submitted 8 Nov 1888; ÖbZ for Jan 1890; Bot. Zeit. 28 Feb 1890; Nat. Nov. Feb(1) 1890), p. [i], [1]-112, *pl. 1-5*, map. *Copies*: BR, G, HH, M, MO, NY. – Reprinted and to be cited from Denkschr. math.-nat. Cl. kais. Akad. Wiss., Wien 56(2): 1-112. 1889.
Ref.: Niedenzu, F., Bot. Jahrb. 11 (Lit.): 106-108. 1890 (rev.).
Rosen, Bot. Zeit. 48: 187-189. 1890 (rev.).

12.806. *On the flora of Mount Kinabalu* in North Borneo ... London (printed for the [Linnean] Society [of London] ...) 1894. Qu.
Publ.: Dec 1894 (date on journal issue; Nat. Nov. Jan(1, 2) 1895), cover, p. 69-263. *pl. 11-20* (uncol. liths. C.H. Fitch). *Copies*: B, BR, HH, MO, U. – Published as Trans. Linn. Soc. 4(2): 69-263. *pl. 11-20.*

12.807. *The Aconites of India*: a monograph ... Calcutta (Bengal Secretariat Press) 1905. Oct.
Publ.: 1905, cover journal 10(2), p. [i*-vi*], [i]-ii, [i]-ii, 117-197, *pl. 92-116. Copies*: BR, MO, NY, PH, U. – Issued and to be cited as Ann. R. bot. Gard. Calcutta 10(2), 1905. – *Alternative t.p.*: "*The Aconties* [sic] *of India* ..."
Ref.: Solms, H., Bot. Zeit. 64: 37-38. 1906 (rev.).
Ulbrich, E., Bot. Jahrb. 37 (Lit.): 47-48. 1906 (rev.).

12.808. *Index londinensis* to illustrations of flowering plants, ferns and fern allies being an emended and enlarged edition continued up to the end of the year 1920 of Pritzel's alphabetical register of representations of flowering plants and ferns compiled from botanical and horticultural publications of the xviiith and xixth centuries prepared under the auspices of the Royal Horticultural Society of London at the Royal Botanic Gardens. Kew ... Oxford (at the Clarendon Press) 1929-1941, 8 vols. Qu. (*Index lond.*).
1: Jul-Sep 1929 (p. [vii]: Jun 1929; MO rd 19 Oct 1929), p. [i]-xx, [1]-547.
2: Jan 1930 (MO rd 3 Feb 1930; Nat. Nov. Apr 1930), p. [i-iv], [1]-548.

3: 1930 (MO rd 12 Jul 1930; Nat. Nov. Aug 1930), p. [i-iv], [1]-554.
4: 1930 (MO rd 7 Nov 1930), p. [i-iv], [1]-568.
5: 1931 (MO rd 16 Mar 1931, p. [i-iv], [1]-549.
6: 1931 (MO rd 20 Aug 1931; Nat. Nov. Nov 1931), p. [i-iv], [1]-570.
Suppl. 1: 1941, p. [i-vii], [1]-497. – Supplement for the years 1921-1935, part 1 (A-H) ... by W.C. Worsdell.
Suppl. 2: 1941, p. [i-iv], [1]-515. – Id. part 2 (I-Z). From 1936 onwards, references to new illustrations are given under the new names included in the supplements to the *Index kewensis* (indicated by an asterisk).
Copies: BR, G, H, MO, U. – Latin t.p.: *Iconum botanicarum index londinensis* sive G.A. Pritzelii iconum botanicarum index locupletissimus emendatus auctus et ad annum mcmxx productus..."
Facsimile ed.: 1979-1980, Otto Koeltz Science Publishers, Koenigstein, B.R.D. *Copy*: FAS. – As original with new imprint. ISBN 3-87439-151-0/152-9/153-7/154-5/155-3/156-1/157-1/158-8.

Starbäck, Karl (1863-1931), Swedish botanist and politician; Dr. phil. Uppsala 1894; lecturer in botany Uppsala 1895-1896; high school teacher for natural history and chemistry at Gävle 1902-1928; member of the Swedish Parliament 1902-1914 and 1921-1924; pioneer of the Swedish nature protection movement (golden medal 1923). (*Starb.*).

HERBARIUM and TYPES: S; other material at B (mainly destr.); CUP, L, UPS. – Contributed to T. Vestergren, *Micromycetes rariores ... scandinavici*, q.v. – *Letters* to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 317; BM 5: 2003; Bossert p. 380; GR p. 482, cat. p. 72; Hawksworth p. 186; Kelly p. 218; Kleppa p. 115; KR p. 663 (bibl., b. 26 Dec 1863); LS 25672-25694; SO 2731; Stevenson p. 1259; Urban-Berl. p. 382.

BIOFILE: Anon., Bot. Not. 1889: 28 (stipend), 1895: 134 ("docent" Uppsala), 1918: 139 (Linnean medal); Österr. bot. Z. 45: 288. 1895 (lecturer ["docent"] at Uppsala).
Fries, R.E., Short hist. bot. Sweden 63. 1950.
Grönberg, G., Sveriges Natur 23: 138-140. 1932 (biogr., portr., bibl. nat. prot.).
Lindman, S., Sv. män kvinn. 7: 180. 1954 (biogr. portr.).
Svedelius, N., Sv. bot. Tidskr. 34(3): 210-211. 1940.
Wittrock, V.B., Acta Horti Berg. 3(2): 71. 1903, 3(3): 53. *pl. 108.* 1905.

EPONYMY: *Starbaeckia* Rehm ex Starbäck (1890); *Starbaeckia* (P.A. Saccardo et P. Sydow) H. Sydow et P. Sydow (1919).

12.809. *Anteckningar öfver några Skandinaviska Pyrenomyceter* ... Stockholm (Kongl. Boktryckeriet. P.A. Norstedt & Söner) 1889. Oct. (*Anteckn. Skand. Pyrenomyc.*).
Publ.: 1889 (mss. submitted 14 Nov 1888; Nat. Nov. Feb(1) 1890), p. [1]-18, *1 pl.* (uncol. lith. auct. & A.Y. Grevillius). *Copies*: BR, FH, LD, NY, U; IDC 7670 (224). – Issued as Bih. Sv. Vet.-Akad. Handl. 14(3) no. 5. 1889. – See also Bot. Centralbl. 41: 249-250, 278-283. 1890.

12.810. *Ascomyceter från Öland och Östergötland* uppräknade af Karl Starbäck ... Stockholm (Kongl. Boktryckeriet. P.A. Norstedt & Söner) 1889. Oct. (*Ascomyc. Öland*).
Publ.: 1889 (submitted 13 Mar 1889), p. [1]-28, *pl. 1. Copies*: FH, LD, NY, U; IDC 7670 (243). – Issued as Bih. Sv. Vet.-Akad. Handl. 15(3), no. 2. 1889.

12.811. *Bidrag till kännedomen om Sveriges Ascomycetflora* ... Stockholm (Kongl. Boktryckeriet. P.A. Norstedt & Söner) 1890. Oct. (*Bidr. Sver. Ascomyc.-Fl.*).
Publ.: 1890 (submitted 12 Mar 1890; Nat. Nov. Nov(2) 1893 expressly states "1890 (erschienen 1893"), obviously wrong, vol. 16, 9 nos. published by 1891; no. 3 dated 1890), p. [1]-14, [15, expl. pl.], *1 pl.* (uncol. lith. auct. & L. Ljunggren). *Copies*: FH, LD, NY(2), U; IDC 7670 (266). – Issued as Bih. Sv. Vet.-Akad. Handl. 16(3), no. 3. 1890. – For other contributions on this subject see Bot. Not. 1887: 206-210, *pl. 6B*, Bot. Centralbl. 33: 349-351. *pl. 1B.* 1888 and Bot. Not. 1898: 201-219.

12.812. *Studier i Elias Fries' Svampherbarium.* i. "Sphaeriaceae imperfectae cognitae". Akademisk Afhandling som med tillstånd af vidtberömda filosofiska fakultetens i Upsala matematisk-naturvetenskapliga sektion för filosofiska gradens erhållande till offentlig granskning framställes ... å zoologiska lärosalen lördagen den 31 mars 1894 p.v.t.f.m. Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1894. Oct. (*Stud. Fries' Svampherb.*).
Publ.: 1-31 Mar 1894, p. [i, this t.p.], [1]-114, *pl. 1-4* (uncol. liths. L. Ljunggren). *Copies*: G, LD; IDC 7670 (335-337).
Regular publication: Jan-Mar 1894, p. [1]-114, *pl. 1-4* (id.). *Copies*: BR, FH, NY, U; IDC 7670 (335-337). – Issued as Bih. Sv. Vet.-Akad. Handl. 19(3) no. 2, 1894. – Preliminary publication: Bot. Not. 1893: 25-31.

12.813. *Discomyceten-Studien* ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1895. Oct. (*Discomyc.-Stud.*).
Publ.: 1895 (submitted 8 Mai 1895), p. [1]-42, *pl. 1-2* (uncol. liths. auct. & L. Ljunggren). *Copies*: FH, G, LD, NY, U; IDC 7670 (372-373). – Issued as Bih. Sv. Vet.-Akad. Handl. 21(3), no. 5. 1895.

12.814. Sommarkurserna i Uppsala 1895. Grundlinjer till föreläsningar ... *Om Parasitsvampar* ... Upsala (Almqvist & Wiksells Boktryckeri-Aktiebolag) 1895. Oct. (*Parasitsvamp.*).
Publ.: 1895, p. [1]-19. *Copies*: FH, H, LD.

12.815. *Sphaerulina halophila* (Bomm. Rouss. et Sacc.) en parasitisk Pyrenomycet ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1896. Oct. (*Sphaerulina halophila*).
Publ.: 1895 (submitted 9 Oct 1895; Nat. Nov. Nov(1) 1896), p. [1]-19. *1 pl.* (uncol. lith. auct. & K. Haglund). *Copies*: FH, LD, U; IDC 7670 (375). – Issued as Bih. Sv. Vet.-Akad. Handl. 2(3), no. 9. 1896.

12.816. *Ascomyceten der ersten Regnellschen Expedition* 1-3, 1899-1904. Oct. (*Ascomyc. Regn. Exped.*).
1: 1899 (submitted 11 Jan 1899; Bot. Zeit. 16 Jan 1900; Nat. Nov. Nov(1) 1899), p. [1]-68, *pl. 1-2* (uncol. liths. auct., K. Haglund, A. Thulin). *Copies*: FH, G, LD, H, U; IDC 7670 (462-464). – Issued as Bih. Sv. Vet. Akad. Handl. 25(3), no. 1. 1899.
2: 1901 (submitted 8 Mai 1901), p. [1]-26, *1 pl.* (uncol. lith. auct., A. Thulin). *Copies*: FH, G, H, LD, U; IDC 7670 (462-464). – Bih. Sv. Vet.-Akad. Handl. 27(3), no. 9. 1901.
3: Apr 1904 (printed 23 Mar 1904; Nat. Nov. Mai(1) 1904), p. [1]-22, *pl. 1-2* (uncol. lith. auct.). *Copies*: FH, G, H, LD, M, NY, Stevenson, U; IDC 8562(12). – Issued as Ark. Bot 2(5). 1904.

12.817. *Ascomyceten der schwedischen Chaco-Cordilleren-Expedition* ... [Arkiv för Botanik Band 5. N:o 7. 1905]. Oct. (*Ascomyc. Chaco-Exped.*).
Publ.: 30 Dec 1905 (date of printing and publication fide p. [ii] journal volume), p. [1]-35, *pl. 1. Copies*: H, LD, U; IDC 8562 (32). – Issued as Ark. Bot. 5(7). 1905.

Starcs, Karlis (1897-1953), Latvian botanist; Mag. rev. nat. Latvian Univ., Riga 1936; botanist at the Bio-entomological station of the Latvian Dept. of Agriculture 1919, soon afterwards (ca. 1922) until 1944 botanist at the Latvian Institute of Plant Protection; displaced 1944, at Weimar 1945; with the UNRRA Univ. at München 1946-1949; in D.P. camps in Bavaria 1945-1950; from 1950-1953 in the United States as gardener in Indianapolis. (*Starcs*).

HERBARIUM and TYPES: RIG, Botanical Garden Latvian Univ. and Baltic Plant Protection Station Riga (in all ca. 100.000 specimens); a Taraxacum collection (3000) from Latvia at S; duplicate collections of fungi: B (extant), BM, BP, BPI, BUT, CUP, E, H, K, KANU, LD, M (crypt.), MICH, TRTC, UPS. – Duplicates of *Taraxacum* at L, lichens in herb. H. Sandstede q.v. *Exsiccatae* (*1*) *Betulaceae exsiccatae*, fasc. i, nos. 1-25. 1931. Riga. (2) *Diseases of Latvian cultivated plants*, with A. Kirulis, ed. M. Eglitis, fasc. 1-

3, 1937-1944. – Starcs contributed to J. Smarods, *Fungi latvici exsiccati*, Riga; V. Litschauer, *Fungi selecti exsiccati europaei*, 1931-1935; F. Petrak, *Fungi exsiccati*; *Cryptogamae exsiccatae* (Mus. Sci. nat. Vindob.), Wien; Zillig, *Ustilagineen Europas*; E. Eichhorn, *Uredineen Europas*. – Starcs material from Latvia (Lettland) was also distributed through the *Berliner botanische Tauschverein*.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 317, 318 (Starzs); Biol.-Dokum. 17: 8866; Hirsch p. 285; MW p. 470; Tucker 3: 293.

BIOFILE: Anon., Österr. bot. Z. 80: 80. 1931 (on *Betulaceae exs.*).
Hertel, H., Mitt. Bot. München 16: 438-439. 1980 (crypt. coll. 1945-1950 in Bavaria).
Mühlenbach, V., Curriculum vitae and bibliography of K.S., mss. TL-2/files, submitted 1979 (b. 18 Mai 1897, d. 2 Feb 1953).

NOTE: We are grateful to Dr. Viktor Mühlenbach, St. Louis, for the extensive information on Starcs on which this entry is based. We have a list of 35 publications up to 1944; during the difficult years 1944-1953 Starcs added to his herbarium in Germany and the United States, but we have no record of publications of that period. Starcs' name is sometimes also spelled Starzs.

12.818. *Latvijas pavasarangu noteicējs* ... Cēsis un Riga (O. Jēpes apgādibā [2-7: ... izdevniecība]), 1924-1927, 7 parts. (*Latv. pavasar. not.*).
Publ.: A spring flora of Latvia, in 7 parts. *Copies*: HH, USDA. – Published in the series Populari-zinātniski raksti, iv(1-7).
1: 1924, p. [i-ii], [1]-80.
2: 1925, p. [i-ii], 81-160.
3: 1925 (Nat. Nov. Mar 1926), p. [1]-ii, 161-240.
4: 1926 (Nat. Nov. Jun 1927), p. [i-ii], 241-320.
5: 1927, p. [i-ii], 321-400.
6: 1927, p. [i-ii], 401-496.
7: 1927 (preface 12 Mai 1927; Nat. Nov. Jul 1927), p. [i*-ix*], [i]-xcv, [xcvii].

12.819. *Koku un krūmu notieicējs* ... Riga (Mezu Departamenta Izdevums) 1925. Oct. (*Koku krūmu not.*).
Publ.: 1925 (p. vi: 14 Sep 1925), p. [i]-lxx, [lxxi], [1]-444. *Copies*: HH, USDA. – A handbook of Latvian trees and shrubs.

12.820. *Über die Verbreitung* und Formenkreise *der Gymnospermen und Monocotyledonen Lettlands* (Par Latvijas Kallsēkju un vlendīglapaino augu izplatību un formām. Acta Horti botanici Universitatis latviensis v, 1930. Oct.
Publ.: 15 Mai 1931 (date on cover reprint; author sent a copy to Linkola on 4 Jun 1931; Nat. Nov. Sep 1932), cover-t.p., p. [9]-59, [60]. *Copy*: H. – Reprinted and to be cited from Act. Hort. bot. Univ. Latv. 5: 9-60. 1930 (ed. 15 Mai 1931).
Dicotyledones: 1934-1935, ib. 9/10: 101-142. 1935 ... "*Beiträge zur Kenntniss der Verbreitung* und Formenkreise *der Dicotyledonen Lettlands* i. Salicaceae-Papaveraceae (n.v.).

Staring, Winand Carel Hugo (1808-1877), Dutch geologist and agronomist; Dr. phil. Leiden 1833; scientist of private means, founder of Dutch geology; secretary of the Dutch State Committee for geology from 1852-1855. (*Staring*).

HERBARIUM and TYPES: WAG (fide JW 3: 370).

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 2003; Bossert p. 380; De Toni 2: cx; JW 1: 448 (b. 5 Oct 1808, d. 7 Jun 1877), 2: 201, 3: 370 (further biogr. refs.); NNBW 1: 1490-1492; Oudemans 2(2): 256; Quenstedt p. 410; Rehder 4: 436, 486, 5: 820.

BIOFILE: Anon., Allg. Konst-Letterb. 1855(9): 70 (member KNAW), 1855(31): 245 (dissolution state committee geology); Grote Winkler Prins Enc. 17: 748. 1973; Versl. Med. Kon. Akad. Wet., Amsterdam, Nat. 1: 148. 1853, 3: 101. 1855, 4: 4. 1856, 5: 114. 1857.

Baren, V., *in* P.C. Molhuysen & P.J. Blok, Nieuw Ned. biogr. Woordenb. 1: 1490-1492. 1911.
Beekman, A.A. et al., Tijdschr. K. Ned. Aardr. Genootsch. ser. 2. 25: 1201-1203. 1908 (commmemoration), ser. 2. 26: 470. 1909.
Breure, A.S.H. & J.G. de Bruijn, eds., Leven werken J.G.S. van Breda 428 [index]. 1979.
Forbes, R.J., Martinus van Marum 1: 344, 354. 1969.
J.S., Tijdschr. Aardr. Genootsch. Amsterdam 4: 126-128. 1880 (obit.).
Huberts, W.J.A., *in* N.C. Balsem, ed., Mannen van Beteekenis 339-378. 1877 (obit., portr.).
Lovink, H.J. et al., Dr. W.C.H. Staring gehuldigd op zijnen honderdsten geboortedag. 's Gravenhage 1908, 129 p. (biogr., portr., main bibl., papers on S. as a geologist, agronomist, agricultural technician, forester and teacher).
Stafleu, F.A., Wentia 16: 36. 1966 (S. and Miquel).
Veldink, J.G., W.C.H. Staring 1808-1877, geoloog en landbouwkundige, Wageningen 1970, 205 p. (main modern biogr., portr., bibl.).
Wassink, E.C., Vakbl. Biol. 29: 149-151. 1949 (pioneer in phaenology).
Winkler Prins, A., ed., Geill. Enc. ed. 2. 13: 716-717. 1887.

THESIS: *Specimen academicum inaugurale de geologia patriae.* Leiden, 1833. Qu.

12.821. *De aardrijkskunde en de landbouw van Nederland.* Eene voorlezing ... Zwolle (W.E.J. Tjeenk Willink) 1844. Oct. (*Aard.-k. landb. Nederland*).
Publ.: 1844, p. [1]-78, [1-2]. *Copy*: U-UB.

12.822. *De aardkunde van Twenthe* ... eene voorlezing ... Zwolle (gedrukt bij J.J. Tijl) 1845. Oct. (*Aardk. Twenthe*).
Publ.: 1845, p. [1]-35. *Copy*: U-UB.

12.823. *De aardkunde van Salland* en het land van Vollenhove. Eene voorlezing ... Zwolle (gedrukt bij J.J. Tijl) 1846. Oct. (*Aardk. Salland*).
Publ.: 1846, p. [1]-63. *Copy*: U-UB.

12.824. Natuurlijke historie van Nederland. Eerste deel. *De bodem van Nederland* ... Haarlem (A.C. Kruseman) 1856-1860. 2 vols. Oct. (*Bodem Nederland*).
1: 1856, p. [i-viii], map, [ix]-xii, [1]-441, *pl. 1-7* with text. – Alt. t.p. "De bodem van Nederland. De zamenstelling en het ontstaan der gronden in Nederland ten behoeve van het algemeen beschreven".
2: 1860, p. [i]-xi, [1]-480, *pl. 1-4*, id.
Copies: PH, U, U-UB, USDA.

Stark, Peter (1888-1932), German (Baden) botanist; Dr. phil. Freiburg i. Br. 1911; assistant botanist ib. 1912-1913 (with Oltmanns); with L. Jost in Strassburg 1914; with W. Pfeffer in Leipzig 1915-1921; habil. Leipzig 1917; extraordinary professor of forest botany Freiburg i. Br. 1921-1926; successor to F. Pax as professor of botany at Breslau, specially dedicating himself to palaeobotanical and palynological studies 1926-1928; successor to M. Möbius at Frankfurt a.M. 1928-1932. (*P. Stark*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 317 (b. 8 Mai 1888, d. 9 Nov 1932); Biol.-Dokum. 17: 8866-8867; BM 5: 2004; Bossert p. 381; Hirsch p. 285; Quenstedt p. 489.

BIOFILE: Anon., Hedwigia 59: (142). 1917 (habil. Leipzig), 73: 83. 1933 (d.); Nat. Nov. 46: 149. 1922 (to Freiburg); Österr. bot. Z. 71: 232. 1922 (to Freiburg), 76: 88. 1927 (to Breslau), 81: 320. 1932 (d.).
Egle, K. & G. Rosenstock, Gesch. Bot. Frankfurt 35-36, 48, 50. 1966.
Lowden, R.M., Taxon, index pers. nam. vols. 1-30. 696. 1985.
Oberschelp, R., Gesamtverz. deut. Schriftt. 125: 333. 1980.
Overbeck, F., Ber. deut. bot. Ges. 50: (203)-(219). 1932 (obit., portr., bibl.).

Prescott, G.W., Bibl. Desmid. univ. 477. 1984.

12.825. *Beiträge zur Kenntniss der eiszeitlichen Flora* und Fauna *Badens* ... [Naumburg a.d.S. (G. Pätz'sche Buchdruckerei Lippert & Co. ...) 1912]. Oct.
Publ.: Aug 1912, p. [1]-120, published with independent as well as journal pagination in and to be cited from Ber. naturf. Ges. Freiburg i.Br. 19(2): 153-272. Aug 1912.

Stark, Robert Mackenzie (1815-1873), Scottish nurseryman in Edinburgh. (*R. Stark*).

HERBARIUM and TYPES: BM (bryoph.), BRISTM, E, GL, QMC.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 318; BB p. 286; BM 5: 2004; Clokie p. 248; Desmond p. 581 (d. 29 Sep 1873); Jackson p. 241; PR 8906; Tucker 1: 666.

BIOFILE: Allibone, S.A., Crit. dict. Engl. lit. 2226-2227. 1878.
Anon., Brit. Mus. gen. cat. print. books 228: 726-727. 1964; Garden 4: 310. 1873 (obit. not.); J. Bot. 11: 352. 1873 (d.); Trans. bot. Soc. Edinburgh 12: 29. 1873 (obit. not.).
Freeman, R.B., Brit. nat. hist. books 326. 1980.
Kent, D.H. & D.E. Allen, Brit. Irish herb. 249. 1984.
Riddelsdell, Fl. Gloucestershire cxxi. 1948.
Stark, R.M., Trans. bot. Soc. Edinburgh 8: 414. 1866 (trip US 1865).

12.826. *A popular history of British mosses*, comprising a general account of their structure, fructification, arrangement and general distribution ... London (Lovell Reeve, ...) 1854. Oct. (*Pop. hist. Brit. moss.*).
Publ.: 1854, p. [i]-xvi, [1]-322, *pl. 1-20* (col. liths. Fitch). *Copies*: B, MO-Steere, NY.
Ed. 2: 1860, p. [i]-xx, [1]-348, *pl. 1-20* (id.). *Copies*: FH, HH, MICH, NY, PH, U-V. – Second edition. London (Routledge, Warne & Routledge, ...) 1860. Oct.
Other issue of ed. 2: s.d., as above, t.p. undated, no mention of ed. 2, London (George Routledge & Sons ...) s.d. Oct. *Copies*: G, MO, MO-Steere.

Starke, Johann Christian (1744-1808), German (Prussian/Neumark) botanist; pastor at Gr. Tschirnau nr Guhrau, Silesia 1775-1808; floristic botanist and bryologist. (*Starke*).

HERBARIUM and TYPES: Starke left his herbarium to the Schlesische Gesellschaft für Vaterländische Cultur, now possibly at WRSL.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 117; Barnhart 3: 318 (d. 1 Jun 1808); Frank 3 (Anh.): 100; SBC p. 132.

BIOFILE: Cohn, F., Krypt. Fl. Schlesien 1: 30. 1876.
Pax, F., Bibl. Schles. Bot. 72, 149. 1929.
Wimmer, F., Fl. Schles. 144. 1844.

NOTE: We have no information at all on K. Starke, author of "*Botanischer Wegweiser für die Umgegend von Weissenfels* [Prussian Saxony] als Beitrag zur Förderung der Heimatskunde zusammengestellt von K. Starke. Weissenfels. 1886" [p. [1]-122, [i]-iv. *Copy*: B. (preface 21 Mar 1886; Bot. Zeit. 27 Aug 1886; Nat. Nov. Aug(1) 1886).

EPONYMY: *Starkea* Willdenow (1803).

Starmach, Karol (1900-x), Polish algologist, assistant at the Labor. Bot. Jancziewskianum U.J., later Botanical Institue of the Polish Academy of Sciences, Cracow; student of Cyanophyceae and freshwater Florideae. (*Starmach*).

HERBARIUM and TYPES: KRAM.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 335; Barnhart 3: 318; Hirsch p. 285; Roon p. 107.

BIOFILE: Koster, J.Th., Taxon 18: 558. 1969 (algal types in private coll.; however, personal communication by S. to us: at KRAM).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 696. 1985.
Prescott, G.W., Bibl. Desmid. univ. 477. 1984.
Starmach, K., Personal communication to senior author, 1958 (b. 22 Sep 1900, bibl.).

COMPOSITE WORKS: Contributed to *Flora slodkowodna polski* (Freshwater flora of Poland), vol. 2, *Cyanophyta*, *Glaucophyta*, 1966, 807 p.; vol. 5. *Chrysophyceae*, 1968, 598 p.; vol. 7. *Xanthophyceae*, 1968, 394 p.

12.827. *Spis sinic* zebranych przez prof. Ignacego Króla w Tatrach (Ein Beitrag zur Kenntniss der Cyanophyceen des Tatragebirges) Kraków (Polska Akademja Umejetnósci) 1927. Oct.
Publ.: 1927, p. [i-ii], [1-13, *pl. 1* (uncol.). *Copies*: FH, G, US. – Reprinted and to be cited from Sprawozd. Kom. Fizjogr. Polsk. Akad. Umiej. 62. 1927 (journal n.v.).

Staub, Moriz [Móricz, Moritz] (1842-1904), Hungarian botanist (of Swiss-Austrian parentage), schoolteacher in Budapest 1858-1868; studied natural sciences in Budapest (with L. Jurányi), Berlin and Bonn 1869-1870; professor of natural history at the royal teacher's college of Budapest 1872-1904; mainly specialized in phaenology and palaeobotany. (*Staub*).

HERBARIUM and TYPES: BP. – *Letters* at G.

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Publ.: 1882 (Bot. Centralbl. 31 Jul-4 Aug 1882; Bot. Zeit. 26 Mai, 25 Aug 1882), p. [i], [1]-23, *pl. 1-4* with text. *Copy*: BR. – Reprinted and to be cited from Mitt. Jahrb. k. ung. geol. Anst. 6(2): [23]-45, *pl. 1-4* (id.) (Evkönye Magyar Királyi földtani Intézet).

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Publ.: 1885, p. [47]-50, 80-83. *1 pl. Copy*: BR. – Reprinted from Termész. Füzet. 9(1): 47-50, 80-83, *1 pl.* – See also Földt. Közlön. 13: 212-213, 272. 1883.

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Ref.: Anon., Bot. Jahrb. 36 (Lit.): 20-21. 20 Aug 1905 (rev.).
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Staude, Friedrich (x-1861), German (Coburg) physician and botanist; town-physician and asst. director of the natural history cabinet at Coburg. (*Staude*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 318 (d. 26 Aug 1861); BM 5: 2004; LS 25705; PR 8907.

BIOFILE: Anon., Bonplandia 9: 248. 1861 (d.); Österr. bot. Z. 11: 409. 1861 (d.).

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Staunton, Sir **George Leonard** (1737-1801), English physician and diplomat; practiced in the West-Indies 1762-1770, in Grenada 1772-1779; secretary to Lord Macartney in Madras 1781-1784 and in China 1792-1794; collected plants in China. (*Staunton*).

HERBARIUM and TYPES: BM; further material at AWH, FI, G-DC, G, K, P, PH and W. – *Letters* in Smith corr. at LINN and Banks corr. at BM(NH).

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 173; Backer p. 547; Barnhart 3: 318; BB p. 286-287; BM 5: 2005; Bret. p. 156-163, 225; Dawson p. 784; Desmond p. 581 (b. 19 Apr 1737, d. 14 Jan 1801); DNB 54: 113-114 (18: 1000-1001); Herder p. 60; Lasègue p. 159, 300, 346, 435, 503; MW p. 470; Rehder 1: 458; SK 1: 498; TL-2/see C. Abel; Tucker 1: 666.

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Verdoorn, F., ed., Chron. bot. 2: 26. 1936, 3: 12. 1937.

EPONYMY: *Stauntonia* A.P. de Candolle (1817).

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Plates: separately in folio volume *44 pl.* (in part maps).
Lists of plants: 2: 27-276, 435-437, 524-525.
Ed. 2(a): 1798, 2 vols. *Copies*: ILL, PH. – "The second edition, corrected". London (id.). 1798. – Actually a *reissue*.
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2: 1798, frontisp., p. [i]-xx, [1]-626.
Ed. 2(b): 1798, 3 vols. *Copies*: BM, UC. – "The second edition, corrected. In three volumes ..." London (printed for G. Nicol, ...) 1798.
1: 1798, p. [i]-xvi, [1]-429, map.
2: 1798, p. [i]-xv, [1]-383, map.
3: 1798, p. [i]-xvii, [1]-490, map.
Amer. ed.: 1799, 2 vols. *Copy*: LC. – Philadelphia (printed for Robert Campbell, ...).
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2: 1799, frontisp., [1]-267, [i]-xxiv, *pl. 3-4, 6-7*.
Associated publ.: see e.g. Brit. Mus. gen. cat. print. books 228: 910-911. 1964.

Stearn, William Thomas (1911-x), British botanist; apprentice antiquarian bookseller Cambridge 1929-1932; librarian Royal Horticultural Society 1933-1941, 1946-1952; with Royal Air Force in Britain, India and Birma 1941-1946; botanist British Museum (Nat. Hist.) 1952-1976; founder member of the Society for the Bibliography of Natural History; D.Sc.h.c. Leiden 1960; Hon. Sc.D. Cambridge 1967; Dr. phil. h.c. Uppsala 1972; Linnean gold medal 1976; commander of the Royal Order of the Northern Star 1980, etc. etc.; outstanding botanical historian and bibliographer, a modern Linnaeus; through his continued support and stimulation godfather of TL-2. (*Stearn*).

HERBARIUM and TYPES: BM. – Other material at BH, CGE, K, NY, OXF, W. *Exsiccatae*: J.S.L. Gilmour & W.T. Stearn, *Herbarium florae cantabrigiense* and *Sertum cantabrigiense exsiccatum* (1933). – *Letters* at G.

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MAIN BIBLIOGRAPHY: Biol. J. Linn. Soc. 8(4): 299-318. 1976 (with index). – Stearn's contributions to the bibliography and in general the correct interpretation and history of classical taxonomic publications, from Carl Linnaeus to Agnes Arber, are of the greatest importance to modern taxonomy. Under "Composite works" we cite the main reissues of classical works, mosty with detailed and very pertinent introductions. Of the book publications after 1939 we refer to Stearn's *Botanical Latin* of 1966 (xiv, 566 p.; see e.g. F. Markgraf, Bot. Jahrb. 85: 25-32. 1966 and F.A. Stafleu, Taxon 15: 235-237. 1966).

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(8) *Catalogue of botanical books in the collection of R.M.M. Hunt*, introduction on botanical gardens and botanical literature in the eighteenth century, 2(1): xli-cxl. 1961.
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Stearns, Elmer (*fl.* 1912), American(?), botanist at the College of Agriculture, Ciudad Juárez, Mexico; collected in Texas, New Mexico and Mexico. (*Stearns*).

HERBARIUM and TYPES: US; further material in A, F, NY.

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Stearns, Samuel (1747-1819), American botanist, physician and astronomer in Worcester, Mass., New York and Brattleborough, Vt. (*S. Stearns*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 319 (d. 8 Aug 1819); Rehder 3: 261; Tucker 1: 666.

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Stearns, Wilfrid Alden (1852-1909), American botanist. (*W. Stearns*).

HERBARIUM and TYPES: US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 319 (b. 13 Jul 1852); BL 1: 203, 319; BM 5: 2006; Tucker 1: 666.

BIOFILE: Kirk, J.F., Suppl. Allibone Crit. dict. Engl. litt. 2: 1380. 1891.
Stearns, W.A., Labrador: a sketch of its peoples, its industries and its natural history 1884, viii, 295 p.

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Publ.: 1880 (fide Tucker), p. [1]-23. *Copy*: US.

Stebbing, Edward Percy (1870-1960), British botanist, zoologist and forester; in the Indian Forest Service 1893-1906; forest zoologist at the Forest Research Institute, Dehra Dun 1906-1910; lecturer in forestry, Edinburgh University 1910-1920, professor id. 1920-1951. (*Stebbing*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 319; BM 5: 2006; Desmond p. 581 (d. 21 Mar 1960); Tucker 1: 666, 2: xxxvi, 3: 294.

BIOFILE: Anon., Nature 167: 670. 1951 (retirement); Who's who (London) 1914-1960; Who was who 5 (1951-1960): 1038.
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Steedman, Ellen Constance (1859-1949), British botanist at Bulawayo, Rhodesia). (*Steedman*).

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HERBARIUM and TYPES: DBN.

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(2) Co-editor, *De tropische natuur* 24-30. 1935-1941.
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HERBARIUM and TYPES: See C.G.G.J. van Steenis.

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Steenstrup, Johannes Japetus Smith (1813-1897), Danish botanist and zoologist; travelled to Iceland 1839-1840; lecturer in botany at Sorø Akademi 1841-1845; professor of zoology at Copenhagen University 1845-1885. (*Steenstr.*).

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Steetz, Joachim (1804-1862), German (Hamburg) botanist; studied pharmacy at Halle 1825-1826, and Würzburg 1826-1829; Dr. med. Würzburg 1829; physician at the hospital of the Holy Spirit, Hamburg 1830-1862; from 1849 lecturer at the Hamburg botanical garden. (*Steetz*).

HERBARIUM and TYPES: Orchid herb. in W (herb. Reichenbach); other material at BR, C, HBG, K, LD (Plantae preissianae set), M, MEL, PH, W. This material consists (mostly) of plants collected by others, acquired and distributed by Steetz. – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G, GH.

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Publ.: Sep-Oct 1853 (p. viii: 11 Sep 1853; Bonplandia 30 Oct 1853; Flora 14 Oct 1853), p. [i]-viii, [1]-111. *Copies*: B-S, G, HBG, HH, LC, M, MO, NY(2), WU.
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Publ.: Feb, Jul 1854 (in Seemann's *Botany*), p. [1]-27. *Copy*: WU. – Reprinted and to be cited from B. Seemann, Bot. Voy. Herald 139-160. Feb 1854, 161-163. Jul 1854. – The Compositae of Hongkong was published ib. 384-395. Jan-Jun 1857.
Note: A criticism of Steetz's long Latin diagnoses published in the Gard. Chron. 22 Apr 1854 led to a series of notes in *Bonplandia* 2: 169-170. 1854 ("Ein deutsches Urtheil über eine Englische Kritik" by Steetz), a note by "X" in 2: 188-189. 1854 contradicts Steetz), 2: 246-247. 1854 (reply by Steetz), 2: 284. 1854 ("unmotivierte Schmähun-

gen" X), 3: 1-2. 1855 (editorial "Gardeners' Chronicle versus Steetz"), 3: 141-142. 1855, 3: 147-155. 1855, 3: 203-205. 1855.
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Stefani, Carlo de [De Stefani] (1851-1924), Italian lawyer, economist and geologist; practicing lawyer Firenze 1872-1876; professor of economics Siena 1876, later director of the Geological Institute at Firenze. (*Stef.*).

HERBARIUM and TYPES: Unknown; collections supporting *Samos* and *Karpathos* at G. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 335; Barnhart 1: 447, 3: 320; BJI 1: 56; BM 5: 2008; LS 25714a-25716; PH 98; Quenstedt p. 411; Rehder 1: 479; TL-2/see W. Barbey, C.I.F. Major; Tucker 1: 667.

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Stefanini, G., Boll. Soc. geol. ital. 44: cxxx-cxlvi. 1925 (obit., portr.).

EPONYMY: *Carlo-stephania* Bubani (1899).

12.901. *Samos.* Étude géologique, paléontologique et botanique ... Lausanne (Georges Bridel & Cie. ...) 1891. Qu. (*Samos*).
Co-authors: William Barbey (1842-1914), Charles Immanuel Forsyth Major (1843-1923).
Publ.: 1891 or Jan-Mai 1892 (date on t.p. 1891, Bot. Zeit. 1 Mai 1893 as of "1892", Bot. Centralbl. 25 Aug 1892 (as of "1892"); BSbF rev. post 15 Jun 1892, as of "1892"), p. [1]-99, [101, 103-104], *pl. 1-14* (uncol. liths. by Ch. Cuisin, with text; pl. 14 zool.; sic t.p. states "avec treize planches ..."). *Copies*: FI, NSW, NY, PH. – New botanical taxa by Barbey and Major; collections made by Barbey.
Ref.: Ascherson, P., Verh. bot. Ver. Brandenburg 34: xi-xiii. 1893 (as of 1892; rev.).

12.902. *Karpathos.* Étude géologique, paléontologique et botanique ... Lausanne (Georges Bridel & Cie ...) 1895. Qu. (*Karpathos*).
Co-authors: William Barbey (1842-1914), Charles Immanuel Forsyth Major (1843-1923).
Publ.: 1895 (date on t.p.; Soc. bot. France rd 26 Jan 1896), p. [1]-180, [181, 183, 185], *pl. w.t. 1-13* (uncol. liths. Ch. Cuisin, plants), *14-15* (phototyp. fossil anim.). *Copies*: BR, FI, G, MO, NSW, NY, PH, USDA. – Plants on p. 89-150.
Ref.: Roth, E., Bot. Centralbl. 66: 324-325. 1896 (rev.).
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Publ.: 1901 (Bot. Centralbl. 3 Oct 1901), p. [i]-viii, [3]-212, *pl. 1-14* (uncol. liths. with text). *Copies*: Geol. Bur. Heerlen, USDA. – Pubbl. Ist. Stud. sup. Firenze, Sez. Sci. fis. nat.

Stefanoff, [Stefanov] **Boris** (1894-1979), Bulgarian botanist; Dr. phil. Univ. Sofia 1919; curator of the University of Sofia herbarium 1928; botanical assistant at the Institute for agricultural botany of Sofia University 1930 (later College of Agriculture "Georgi Dimitroff"); lecturer in botany at the Forestry Faculty 1936, e.o. professor 1931, regular professor 1945; rector of the Faculty of Forestry, Sofia, 1953; director of the Institute of Forestry Science of the Academy of Sciences 1954-1967. (*Stef.*).

HERBARIUM and TYPES: SOA; other material at A, DBN, K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 320; BFM 1506; Biol.-Dokum. 17: 8881; BJI

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(2) With N. Stojanov and B. Kitanov, *Flore de la Bulgarie* (later *Flora bulgarica*, Flora na Bulgaria), 1925-x, see under Stojanov.
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EPONYMY: *Stefanoffia* H. Wolff (1925).

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Stefánsson, Stefán [Johann] (1863-1921), Icelandic botanist; student of E. Warming; high school teacher at Módruvellir 1887-1901, Akureyri 1901-1921, principal 1908-1921; member of the Althing, elected 1901-1907, appointed by the King 1909-1915. (*Stefánsson*).

HERBARIUM and TYPES: ICEL. – Some lichens also at M; further material at C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 321 (b. 1 Aug 1863); BFM 1448; BL 2: 324, 328, 719; BM 5: 2008; GR p. 794; KR p. 665; LS 25718; Rehder 1: 357.

BIOFILE: Christensen, C., Dansk. bot. litt. 1880-1911: 152-153. 1913 (portr., bibl.), 1912-1939: 34. 1940 (id.); Dansk. bot. hist. 1: 603, 823. 1926.
Einarson, E., Náttúrufr. 33: 97-105. 1963 (biogr.).
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Steffen, Hans (1891-?), German (East-Prussian) botanist; Dr. phil. Königsberg 1918; Dr. med. ib. 1920. (*Steffen*).

HERBARIUM and TYPES: Some material at C.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 321 (b. 23 Mai 1891), BFM 152, 199, 1834; BJI 2: 171; BL 1: 130, 320; BM 8: 1242; GR p. 140; MW suppl. p. 333; Tucker 3: 294.

BIOFILE: Perez Moreau, R.A., Bibl. geob. patag. 35, 47, 78. 1965.
Wulff, E., Intr. hist. pl. geogr. 201, 203, 206, 207, 208, 209, 214. 1943.

COMPOSITE WORKS: Co-author J. Abromeit, *Fl. Ost- & Westpreussen* vol. 2(5), 1940; TL-2/7.

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Publ.: 1926 (p. 6: Oct 1918 sic; Österr. bot. Z. for Feb-Mai 1926; Nat. Nov. Aug 1926), p. [1]-77, *3 pl. Copies*: B, G, HH, M.

12.910. *Vegetationskunde von Ostpreussen* ... Jena (Verlag von Gustav Fischer) 1931. Oct. (*Vegetationsk. Ostpreuss.*).
Publ.: 1931 (p. vii: Mar 1930; Hedwigia Aug 1931), p. [ii]-xiii, [xiv, abbr.], [1]-406. *Copies*: GOET, H, HH, USDA, Wagenitz. – Other t.p.: "Pflanzensoziologie. Eine Reihe vegetationskundlicher Gebietsmonographien ... Band 1: ..."
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Publ.: 1940, p. [i]-iii, [1]-319. *Copies*: GOET, HH, M. – Inf. G. Wagenitz.

Steffens, Henrich [Henrik] (1773-1845), Norwegian botanist; lecturer for natural history at the University of Kiel 1796-1798; Dr. phil. ib. 1797; subsequently professor of mineralogy in Halle (1804), in physics and philosophy of natural science at Breslau (1811), in natural sciences in Berlin (1831). (*Steffens*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 321 (b. 2 Mai 1773, d. 13 Feb 1845); BM 5: 2008; CSP 5: 807; PR 10277, ed. 1: 11256; Quenstedt p. 411.

BIOFILE: Anon., Bot. Tidsskr. 18: 97. 1893; Brit. Mus. gen. cat. print. books 229: 193-197. 1964; Cat. gén. livr. impr. Bibl. natl. 177: 684-685. 1950.
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EPONYMY: *Steffensia* Göppert (1836); *Steffensia* Kunth (1840).

Stefureac, Traian I. (1908-x), Rumanian bryologist; studied and worked at the Faculty of Sciences Cernauti; from 1940 with the faculty of natural sciences of the University of Bucarest (Botanical Institute of the University). (*Stefur.*).

HERBARIUM and TYPES: BUCA and CERN.

BIBLIOGRAPHY and BIOGRAPHY: IH 2: (files); PH 209; Roon p. 108; SBC p. 132.

BIOFILE: Anon., rev. bryol. lichénol. 10: 108. 1937, 18: 96, 99, 191, 194. 1949, 24: 164, 172. 1955, 34: 397, 399, 951. 1967, 36: 381. 1969, 37: 195. 1970, 40: 299. 1974 (bibl. notes).
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Verdoorn, F., ed., Chron. bot. 3: 228. 1937, 5: 308. 1939.

Stehlé, Henri (1909-1983), French botanist and agricultural engineer in various functions with the Agricultural Services of Guadeloupe 1934-1940; professor of colonial agronomy and applied botany at the Ecole antillaise d'Agriculture 1940-1946. (*Stehlé*).

HERBARIUM and TYPES: P, PC; further material at A, AMES, MICH, NY, S, U, US. – *Letters* at G and SIA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 321; BL 1: 229, 320; Langman p. 721; Lenley p. 383; SIA see catalogue.

BIOFILE: Anon., Taxon 32: 533. 1983 (d.).
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Stehlé, H., Titres et travaux scientifiques, Montpellier 1947, 82 p. (bibl., curr. vit.); Publications de H.S., *in* Fl. Guadeloupe 4, Le R.P.A. Duss, 1943, p. [i]-viii (bibl.).
Verdoorn, F. ed., Chron. bot. 3: 111, 173, 310. 1937, 5: 174, 371, 517, 526. 1939, 6: 23, 172. 1941, 7: 122, 269. 1943.

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[i]-xiii, portr. A. Duss, [1]-284, [285], 24 pl. – "Flore de la Guadeloupe" only on cover. *Copies*: BR, G, H, M, MICH, MO, NY, PH, USDA.

2, *Catalogue des Phanérogames et fougères* avec contribution à la flore de la Martinique. *Copies*: BR, G, H, HH, M, MICH, MO, NY, PH, U, USDA.

Fasc. 1: shortly after 12 Mai 1938 (date of printing, cover, p. [i-iv], err. sheet, [v]-xii, [1]-236, [237, 239, date printing 12 Mai 1938, *2 pl.*, 3 maps]. By H. et M. (Madeleine) Stehlé et L. Quentin.

Fasc. 2: 1948, p. [i]-xvi, [1]-138, [139, 141]. *Authors*: same.

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12.913. *Esquisse des associations végétales de la Martinique* ... Fort-de-France (Imprimerie du Gouvernement) 1938. Oct.

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12.914. *Flore descriptive des Antilles françaises* ... Fort-de-France (Imprimerie officielle de la Martinique) 1939-1940. Oct. (*Fl. descr. Antilles*).

1: Dec 1939 (printed 30 Nov 1939; Stehlé sent a copy to W.R. Maxon on 10 Apr 1940), p. [1]-305, [307, date], *pl. 1-31*. – Les *Orchidales*: Orchidaceae et Burmanniaceae. – Originally published in Bull. Agric. Martinique 8(2): [91]-206. Jul 1939, 9(3): [207]-387. Oct-Dec 1939.

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Copies: B, HH, NY, U, US, USDA.

Steiger, Emil (1861-1927), Swiss botanist and pharmacist at Basel; Dr. phil. h.c. Basel 1919. (*E. Steiger*).

HERBARIUM and TYPES: BAS; – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 17: 8891; BL 1: 568, 576, 719; PH 81, 567; Rehder 5: 822.

BIOFILE: Becherer, A., Bauhinia 5(3): 167-168. 1975 (recollections; 6-8 Oct 1861, d. 31 Jan 1927).

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Publ.: Jul-Aug 1906 (author sent a copy to J. Briquet on 24 Aug 1906; Nat. Nov. Sep(1) 1906), p. [i], [131]-661. *Copies*: B, G, HH, NY, USDA. – Reprinted and to be cited from Verh. naturf. Ges. Basel 18: 131-661. 1906.

Steiger, [von Büron] **Jakob Robert** (1801-1862), Swiss botanist, politician and physician; physicians examination 1826; practicing in Büron 1826-1830; id. and in various administrative functions in Luzern 1830-1862. (*Steiger*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: ADB 35: 580-582; Barnhart 3: 321 (b. 6 Jun 1901, d. 5 Apr 1862); BL 2: 577, 719; BM 5: 2009; Bossert p. 381; PR 8921; Rehder 1: 435.

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EPONYMY: *Steigera* J. Müller Arg. (1865).

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Steiger, Rudolf (1823-1908), Moravian botanist and administrator at Klobouk and Brünn (Brno). (*R. Steiger*).

HERBARIUM and TYPES: BRNU.

BIBLIOGRAPHY and BIOGRAPHY: Futak-Domin p. 563; Klásterský p. 176 (b. 26 Jun 1823, d. 15 Apr 1908).

BIOFILE: Iltis, H., Verh. naturf. Ver. Brünn 50: 338. 1912.
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Stein, Berthold (1847-1899), German (Silesian) botanist (lichenologist) and gardener; assistant curator of the Berlin botanical garden; curator of the Innsbruck botanical garden 1873; id. of the Breslau botanical garden 1880-1890. (*Stein*).

HERBARIUM and TYPES: WRSL (incl. his large lichen herbarium); further material at B (mainly destr.), IBF, L, M. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 4: 30; Backer p. 661; Barnhart 3: 321 (b. 23 Mar 1847, d. 28 Feb 1899); Biol.-Dokum. 17: 8892; BM 5: 2009; Bossert p. 381; CSP 8: 1004, 11: 483, 12: 701-702, 18: 928; DTS 1: 287-289; Frank 3 (Anh.): 100; Futak-Domin p. 563; GR p. 48-49;, cat. 72; Hawksworth p. 186; Herder p. 60, 260, 327, 366; Hortus 3: 1204; LS 25726-25737a; Morren ed. 10, p. 10; MW p. 471; Rehder 5: 822; SBC p. 132; TL-2/1159, 6760, see K.G. Baenitz; Tucker 1: 667; Urban-Berl. p. 291; Zander ed. 10, p. 721, ed. 11, p. 822.

BIOFILE: Anon., Bot. Centralbl. 314: 928. 1880 (app. Breslau), 78: 64. 1899 (d.), 86: 288. 1901 (lichen herb. for sale); Bot. Monatschr. 17: 80. 1899 (d. 27 Feb 1899); Bot. Zeit. 38: 590. 1880 (app. Breslau); Brit. Mus. gen. cat. print. books 229: 239. 1964; Gartenflora 48: 167. 1899; Österr. bot. Z. 24: 395. 1874 (curator bot. gard. Innsbruck), 34: 78. 1884 (*Flora artefacta*, ed. C. Jauch), 49: 119. 1899 (d.); Pomol. Monatsh. 45: 96. 1899.
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Laundon, J.R., Lichenologist 11: 17. 1979 (lichen herb. WRSL).
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(2) Contributed to G.B. Neumayer, Int. Polarforsch., Deut. Exped. 1890, TL-2/6760.
(3) With Ch. Jauch, *Flora artefacta*, series 1-12, ca. 1884-1891, 120 models to be used in botanical teaching.

EPONYMY: *Steinia* Körber (1873). *Note*: *Steinedesmus* Kofoid (1911) and *Steiniella* C. Bernard (1908) honor Mlle. Stein. The etymology for *Steinchisma* Rafinesque (1830) and *Steiniella* Schütt (1895) could not be determined.

12.918. *Drei Cerastien* ... Separatabdruck aus der Oesterreichischen botanischen Zeitschrift 1878. Nr. 1. Oct.
Publ.: Jan 1878, p. [1]-10. *Copy*: G. – Reprinted and to be cited from Österr. bot. Z. 28: 18-27. 1878.

12.919. *Kryptogamen-Flora von Schlesien.* Im Namen der Schlesischen Gesellschaft für vaterländische Cultur herausgegeben von Prof. Dr. Ferdinand Cohn, ... Zweiter Band. Zweite Hälfte. *Flechten* bearbeitet von Berthold Stein. Breslau (J.U. Kern's Verlag (Max Müller)) 1879. Oct. (*Krypt.-Fl. Schlesien, Flechten*).
Publ.: Mai-Jun 1879 (p. v: Mai 1879; J. Bot. Aug 1879; "soeben" Bot. Zeit. 25 Jul 1879 (20 Jun 1879 ann.), 15 Aug 1879 (rev.); Nat. Nov. Jul(1) 1879), p. [ii*], [i]-v, [vii-viii], [1]-400. *Copies*: Almborn, B, BR, Stevenson, US. – TL-2/1159.
Supplement : (as *Nachträge zur Flechtenflora Schlesiens*) in Jahresber. Schles. Ges. Vaterl. Cult. 47: 134-139. 1870, 49: 159-165. 1872, 50: 167-173. 1873, 66: 142-149. 1889. – The *Nachträge* exist also as reprints with independent publication, the 1889 supplement combined with *Ueber afrikanische Flechten.*
Ref.: Poetsch, I.S., Österr. bot. Z. 29: 331-333. 1 Oct 1879 (rev.) (reprinted p. [1]-3. 1879).

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Publ.: 1882, p. [1]-9. *Copies*: Almborn, G. – Reprinted and to becited from Verh. schles. Ges. vaterl. Cult. 60: 227-234. 1882 as "Die von Dr Schadenberg in Mindanao und von R. Fritze in Madeira gesammelten Flechten".

12.921. *Uebersicht der gegenwärtig in den europäischen Gärten cultivirten Primeln.* Primula L. [*in*: Sämereien zum Tausch aus dem königlichen botanischen Garten der Universität Breslau. 1881 ...] 1882. Fol. (*Uebers. cult. Primeln*).
Publ.: 30 Jan-1 Mar 1882 (p. 3 dated 30 Jan 1882; request to be received before 15 Mar 1882; Bot. Zeit. 28 Jul 1882), p. [3]-4. *Copies*: BR, G. – In Sämereien ... p. 1-4. 1881, see above.

12.922. *Ueber afrikanische Flechten* ... Jahres-Bericht der Schles. Gesellschaft für vaterl. Cultur. Sitzung der Botanischen Section am 15. Januar 1888. [Breslau (Druck von Grass. Barth & Comp., ...)] 1889. Oct.
Publ.: 1889, p. [1]-17. *Copies*: Almborn, G. – Reprinted and to becited from Jahresber. schles. Ges. vaterl. Cult. 66: 133-149. 1889. – The pages 10-17 (142-149) contain *Nachtr. Flechtenfl. Schles.*
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12.923. *Übersicht über die auf Dr. Hans Meyer's drei Ostafrika-Expeditionen* (1887-89) *gesammelten Flechten* [Leipzig 1890]. Oct.
Collector: Hans Heinrich Joseph Meyer (1858-1929).
Publ : 1890 (Hedwigia Nov-Dec 1890), p. [1]-11. *Copies*: Almborn, G. – Reprinted and to be cited from H.H.J. Meyer, Ostafrikanische Gletscherfahrten 311-321. 1890 (as Anhang 2).

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Publ.: Mar-Sep 1892 (p. vi: summer 1892) in 10 Lieferungen, no. 1, Mar 1892; review of complete work 21 Dec 1892; ÖbZ, work completed Oct 1892; Nat. Nov. Oct(2) 1892 (Lief. 2-10), p. [i]-vi, [vii, cont.], [1]-602, [603 index, 604 err.]. *Copies*: B, BR, HH, MO, NY.

Steindórsson, Steindór [Jónas], frá hlöoum (1902-x), Icelandic botanist; teacher nat. sci. (1930-1973) and rector (1967-1972) of Akureyri College; member of Althing 1947, 1949; Dr. phil. Univ. Iceland 1981. (*Steindórsson*).

HERBARIUM and TYPES: AMNH; duplicates C, H, ICEL.

BIBLIOGRAPHY and BIOGRAPHY: BFM 1448; BL 2: 719 (index); IH 1 (ed. 7): 343; Kleppa p. 296; Roon p. 108; TL-2/9548.

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(2) Important works outside our period: *The botany of Iceland* 3(14): 345-547. 1945; *On the age and immigration of the Icelandic flora*. Reykjavík 1962, 157 p. and *Íslensk plöntunöfn*. Reykjavík 1978, 208 p.

Steinecke, Fritz (1892-?), German (Berlin) botanist; Dr. phil. Königsberg i. Pr. 1914; habil. ib. 1926; lecturer Botanical Garden, Königsberg i. Pr. 1934; extraord. prof. of botany ib. 1935; later teacher at Recklinghausen (1949) and Wuppertal-Barmen (1953). (*Steinecke*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 322 (b. 17 Mar 1892); BJI 2: 171; GR p. 141; Hirsch p. 286.

BIOFILE: Anon., Hedwigia 66: (56). 1926 (habil.), 75: (167). 1936 (prof. Königsberg); Österr. bot. Z. 83: 160. 1934 (temporary charged with the teaching at the chair of botany, Königsberg), 84: 160. 1935 (extraord. prof. bot. ib.)..
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Regular ed.: 1916, p. [i-ii], [1]-138, *pl. 1* (id.). *Copies*: FH, US. – Reprinted from Schr.

phys.-ökon. Ges. Königsberg i. Pr. 56: 1-138. 1 pl. 1916. – See also his *Die Zehlau*, ein staatlich geschütztes Hochmoor, Berlin (Bornträger) 1919. Oct. 47 p. frontisp.
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12.926. *Die Phylogenie der Algophyten* Versuch einer morphologischen Begründung des natürlichen Systems der Algen ... Halle (Saale) (Max Niemeyer Verlag) 1931. Oct. (*Phylog. Algophyt.*).
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Ref.: Janchen, E., Österr. bot. Z. 81: 237. 1932 (rev.).

Steiner, Julius (1844-1918), Austrian botanist (lichenologist) and teacher at the k.k. Staatsgymnasium, Wien. (*J. Steiner*).

HERBARIUM and TYPES: KL and W; further material (mainly lichens), B (mainly destr.), DBN, LD, M, MICH, WA, WRSL, WU (impt. set). – Contributed to *Kryptogamae exsiccatae*, ed. Mus. Pal. Vindob. – *Letters* at G.

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NOTE: Our treatment of J. Steiner is, to our regret, fragmentary. For important papers published between 1906-1919 see Lindau & Sydow.

12.927. *Verrucaria calciseda.* Petractis exanthematica. Ein Beitrag zur Kenntniss des Baues und der Entwicklung der Krustenflechten ... Klagenfurt (Selbstverlag. – Druck der St. Hermagoras-Buchdruckerei) 1881. Oct. (*Verrucaria calcis.*).
Publ.: Jan-Jul 1881 (Bot. Zeit. 8-12 Aug 1881; ÖbZ 1 Oct 1887; Flora 21 Nov 1881; Nat. Nov. Oct(2) 1881), p. [1]-50, *2 pl.* (uncol. liths.); *Copies*: Almborn, FH, G, M. – Reprinted from 31. Programm k.k. Staats-Obergymnasium Klagenfurt, 1881.
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12.928. *Beiträge zur Lichenenflora Griechenlands* und Egyptens ... Aus den Sitzungsberichten der kaiserl. Akademie der Wissenschaften in Wien. Mathem.-naturw. Classe; Bd. cii. Abth. i. Februar 1893. Oct.
Publ.: Apr-Jul 1893 (mss. submitted 16 Feb 1893; Bot. Centralbl. 8 Nov 1893; Nat. Nov. Aug(1) 1893), p. [1]-25, *pl. 1-4 Copies*: G, H. – Reprinted and to be cited from S.B. Akad. Wiss. Wien, Math.-nat. Cl. 102(1): 152-176, *pl. 1-4*, issue for Feb 1893, publ. Mar-Aug(?) 1893.
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12.929. *Ein Beitrag zur Flechtenflora der Sahara* ... Wien (aus der Kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1895. Oct.
Publ.: Mai-Jul 1895 (mss. submitted in session of 25 Apr 1895; Bot. Centralbl. 18 Sep 1895; Nat. Nov. Aug(1) 1895), cover-t.p., p. [1]-11. *Copies*: Almborn, G, H. – Reprinted and to be cited from S.B. Akad. Wiss. Wien, Math.-nat. Cl. 104(1): 383-393. 1895 (issue for Apr 1895, published after Apr).
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12.930. *Beitrag zur Flechtenflora Südpersiens* ... Aus den Sitzungsberichten der kaiserl. Akademie der Wissenschaften in Wien. Mathem.-naturw. Classe. Bd. cv, Abth. 1. Juni 1896.
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12.931. *Flechten aus Britisch-Ostafrika* ... Wien (aus der Kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1897. Oct.
Publ.: Jun-Jul 1897 (submitted in session of 8 Mai 1897; Bot. Centralbl. 28 Jul 1897; Bot. Zeit. 1 Sep 1897; Nat. Nov. Aug(1) 1897), cover-t.p., p. [1]-28. *Copies*: B, FH, G. – Reprinted and to be cited from S.B. Akad. Wiss. Wien, Math.-nat. Cl. 106(1): 207-234. 1897 (in issue for Mai 1897, publ. later).

12.932. *Prodromus einer Flechtenflora des Griechischen Festlandes* ... Wien (aus der Kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1898. Oct.
Publ.: Feb-Jun 1898 (submitted 13 Jan 1898; Bot. Centralbl. 10 Aug 1898; Bot. Zeit. 1 Oct 1898; copy G rd 28 Sep 1898; Nat. Nov. Jul(1, 2) 1898), cover-t.p., p. [1]-87. *Copies*: G, H. – Reprinted and to be cited from S.B. Akad. Wiss. Math.-nat. Cl. 107(1): 103-189. 1898 (issue for Jan 1898, publ. later).
Ref.: Minks, A., Bot. Centralbl. 64: 121-122. 1895 (rev.).

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12.934. *Bearbeitung der von O. Simony* 1898 und 1899 *in Südarabien*, auf Sokótra und den benachbarten Inseln *gesammelten Flechten* ... Wien (aus der Kaiserlich-königlichen Hof- und Staatsdruckerei ...) 1902. Qu.
Publ.: 1902 (Nat. Nov. Jul(2) 1903), p. [1]-10. *Copy*: B. – Reprinted and to be cited from Denkschr. Math.-nat. Cl. Akad. Wiss. Wien 71: 93-102. 1902.

12.935. *Flechten, auf Madeira und den Kanaren gesammelt von J. Bornmüller* in den Jahren 1900 und 1901. Separatabdruck aus der "Österreichischen botanischen Zeitschrift", Jahrg. 1904, N. 9. u ff. Oct.
Collector: Joseph Friedrich Nikolaus Bornmüller (1862-1948), see TL-2/1: 283-284.
Publ.: Sep-Dec 1904 (in journal), p. [1]-32. *Copies*: B, G. – Reprinted and to be cited from Österr. bot. Z. 54: 333-336. Sep, 351-365. Oct, 399-409. Nov, 446-448. Dec 1904.

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Publ.: 31 Jul 1907, p. [1]-10. *Copies*: G, U. – Reprinted and to be cited from Bull. Herb. Boiss. ser. 2. 7(8): [637]-646. 1907.

12.937. *Lichenes aus Mesopotamien* und Kurdistan sowie Syrien und Prinkipo. Gesammelt von Dr. Heinrich Frh. v. Handel-Mazzetti ... [Separat-Abdruck Ann. Naturh. Mus. Wien, 34, 1921]. Oct.
Collector: Heinrich, Freiherr von Handel-Mazzetti (1882-1940), see TL-2/2: 43-44.
Publ.: 1921, p. [1]-68. *Copy*: U. – Reprinted and to be cited from Ann. naturh. Mus. Wien 34: 1-68. 1921. Edited after the author's death by A. Zahlbruckner.

Steiner, Maximilian (1904-x), Austrian botanist (lichenologist and physiologist); Dr. phil. Wien 1926; assistant at the plant physiological institute of the University ib. 1926-1929; biologist I.G. Farben, Ludwigshafen 1930-1931; assistant Technische Hochschule Stuttgart 1932; habil. ib. 1935; lecturer ib. 1936; assistant Botanisches Institut Göttingen 1939; from 1940 professor of botany at Bonn. (*M. Steiner*).

HERBARIUM and TYPES: Lichens at LD and M. *Exsiccatae*: with J. Poelt, *Lichenes Alpium et regionum confinum* nos. 161-260. 1963-1967.

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BIOFILE: Anon., Hedwigia 67: (163). 1927 (app. Wien), 76: (142). 1936 (lecturer Stuttgart).
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Steinheil, Adolph [Adolphe] (1810-1839), Alsatian botanist; studied pharmacy, chemistry and botany at Strasbourg and Paris; military pharmacist and surgeon in various places in France; id. in Algeria 1830-1834; id. in Strasbourg 1835-1838; traveller for the Muséum d'Histoire naturelle 1839; died at sea between Martinique and Venezuela. (*Steinh.*).

HERBARIUM and TYPES: P; further material at B (mainly destr.), BR, FI, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 322 (b. Dec 1810, d. 28 Mai 1839); Biol.-Dokum. 17: 8921; BM 5: 2011; CSP 5: 814-815; GR p. 352; Hortus 3: 1204; Krempelh. 1: 169, 521; Lasègue p. 38, 170, 314, 315, 504; LS 25765; PR 8925-8927, ed. 1: 7070, 9887-9889; Rehder 5: 822; Urban-Berl. p. 400; Zander ed. 10, p. 721, ed. 11, p. 822.

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EPONYMY: *Steinheilia* Decaisne (1838).

12.938. *Observations sur la tige du Lamium album*, suivies de quelques réflexions sur l'estivation quinconciale ... [Ann. Sci. nat. Bot. 1834]. Oct.
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12.939. Matériaux pour servir à la flore de Barbarie. Premier article. *Observations sur quelques espèces de Scilles* qui croissent en Barbarie; ... [Ann. Sci. nat., Bot. 1834]. Oct.
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Publ.: Mai 1834 (in journal), p. [1]-8, *pl. 13*. *Copies*: G, M. – Reprinted and to be cited from Ann. Sci. nat. Bot. ser. 2. 1: 282-289. Mai 1834. For other articles in this series see *Sur les variétés du Rumex bucephalephorus* 1838.

12.941. *Note sur le genre Urginea*, nouvellement formé dans la famille des Liliacées; ... [Ann. Sci. nat., Bot. ser. 2. 1. 1834]. Oct.
Publ.: Jun 1834 (in journal), p. [9]-20, *pl. 14* (P. Duménil). *Copies*: G. – Reprinted and to

be cited from Ann. Sci. nat., Bot. ser. 2. 1: 321-332. Jun 1834. – Matériaux pour servir à la Flore de Barbarie iii. article.

12.942. *Observations sur la végétation des dunes à Calais*, ... Versailles (Imprimerie de Montalant-Bougleux) [1835].
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Publ.: 1836, p. [1]-24. *Copy*: G. – Reprinted from Mém. Méd. Chir. milit. 1836: 360-384. Also published in Ann. Sci. nat., Bot. ser. 2. 6: 272-286. Nov 1836.

12.945. *Observations sur la spécification des Zannichellia* et sur le genre Diplanthera de du Petit-Thouars, ... Extrait des Annales des Sciences naturelles février 1838. Oct.
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English transl.: The Analyst 9: 262-273. 1839, *copy*: MO.

12.946. Matériaux pour servir à la Flore de Barbarie, ... (quatrième article). *Sur les variétés du Rumex bucephalophorus* et sur leur distribution géographique comparée à cette de quelques autres espèces du même genre. – Nouvelle espèce d'Emex du Cap. [Extrait des Annales des Sciences naturelles. (Avril 1838)]. Oct.
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Other papers in series:
[2]: Ann. Sci. nat. Bot. ser. 2. 1: 99-108. Feb 1834 (*Observations sur quelques Scilles* qui croissent en Barbarie).
[3]: Ann. Sci. nat. Bot. ser. 2. 1: 282-289. Mai 1834, see above *Notice sur les cryptogames recueillies aux environs de Bône*.
[4]: Ann. Sci. nat. Bot. ser. 2: 1: 321-332. Jun 1834, see above *Note sur le genre Urginea*.
5: Ann. Sci. Bot. ser. 2. 11: 16-20 Jan 1839. *Matériaux pour la flore de Barbarie* ... (cinquième *article*). No subtitle.

12.947. *Observations botaniques* recueillies à Strasbourg pendant les années 1836 et 1837; ... (oeuvre posthume) ... [Strasbourg (chez Ve Levrault, ...) Paris (chez P. Bertrand, ... 1840].
Publ.: 1840, p. [1]-12. *Copies*: B-S, HH. – Issued as Mem. Soc. Hist. nat. Strasbourg 3(1): 1-12. 1840.

Steininger, Hans (1856-1891), Austrian botanist and school teacher from Garsten nr Steyr; teacher at Unterlaussa and Reichraming. (*Steininger*).

HERBARIUM and TYPES: Unknown; some material at A, B (extant), GOET, STU, W.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 323 (b. 27 Apr 1856, d. 12 Jan 1891); Bossert p. 382; CSP 18: 934; DTS 1: 289-290.

BIOFILE: Anon. Bot. Jahrb. 1 (Beibl. 30): 7. 1891 (d.); Österr. bot. Z. 41: 80. 1891 (d.).
Speta, F., Jahrb. Oberoesterr. Musealver. 128(2): 151. 1983 (herb. not localized; not at LI).
Wagenitz, G., Index coll. princ. herb. Gott. 161. 1982.
Zimmeter, A., Österr. bot. Z. 41: 135-137. 1891 (obit.).

12.948. *Beschreibung der europäischen Arten des Genus Pedicularis* ... Cassel (Druck von Friedr. Scheel) 1887. Oct.
Publ.: Nov 1886-Apr 1887 (in journal), p. [i], [1]-72. *Copies*: FI, G, MO, NY. – Reprinted and to be cited from Bot. Centralbl.:

Vol.	pages	date	vol.	pages	date
28	215-219.	8-15 Nov 1886	29	154-157.	1-7 Feb 1887
	246-249.	10-15 Nov 1886		185-188.	8-14 Feb 1887
	279-282.	23-30 Nov 1886		216-221	15-21 Feb 1887
	313-315.	1-7 Dec 1886		246-250.	21-28 Feb 1887
	341-342.	8-14 Dec 1886		270-280.	1-7 Mar 1887
	375-377.	15-21 Dec 1886		314-317.	8-24 Mar 1887
	388-391.	22-31 Dec 1886		346-349.	15-21 Mar 1887
29	23-24.	1-7 Jan 1887		375-378.	23-30 Mar 1887
	54-58.	8-14 Jan 1887	30	25-28.	1-7 Apr 1887
	85-89.	15-21 Jan 1887		56-62.	8-14 Apr 1887
	122-123.	22-31 Jan 1887		87-93.	15-21 Apr 1887

Steinmann, [Johann Heinrich Conrad Gottfried] Gustav (1856-1929), German palaeontologist and geologist; Dr. phil. München 1877; assistant (1877) and lecturer (1880) in Strasbourg; extraord. prof. geology Jena 1885; ord. prof. ib. Freiburg i. Br. 1886; prof. geology and palaeontology Bonn 1906-1929. (*Steinmann*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 335; Barnhart 3: 323 (b. 9 Apr 1856); BM 1: 469, 5: 2011-2012; CSP 18: 935; Quenstedt p. 412 (d. 7 Oct 1929).

BIOFILE: Anon., Cat. gén. livr. impr. Bibl. natl. 177: 959. 1950; Geol. Rundschau 12: 99-108. 1921 (bibl.).
Broggi, J.A., Bot. Soc. geol. Peru 5: 9-10. 1933 (obit.).
Cornelius, St. P., Verh. geol. Bundesanst., Wien 1929: 233-235 (obit.).
Dacqué, E., Deut. biogr. Jahrb. 11: 292-295. 1932 (obit.; sources).
Degener, H.A.L., Wer ist's ed. 4. 1367. 1909.
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1289. 1849, 4(2): 1435-1436. 1904, 6(4): 2534-2535. 1940 (bibl.).
Schmid, B. & C. Thesing, Biol.-Kalend. 1: 319. 1914 (bibl.).
Schwarzbach, M., Auf den Spuren unserer naturforscher 63. 1981.
Tilmann, N., S.B. Naturh. Ver. preuss. Rheinl. 1929: 1(c)-4(c), (obit., portr., b. 9 Apr 1856, d. 7 Oct 1929).
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Wilckens, O., Geol. Rundschau 21: 389-415. 1930 (obit., bibl.); Paläont. Z. 12: 1-5, *pl. 1*. 1930 (obit., portr.).
Windhausen, A., Physis 10: 335-339. 1931 (obit.).
Zittel, K.A. von, Gesch. Geol. Paläontol. 865 [index]. 1899; Hist. geol. palaeont. 391, 404. 1901.

FESTSCHRIFT: W. von Seidlitz et al., Geol. Rundschau 17a: vi, 660 p., *23 pl.* 1926 (70th birthday; Berlin Gebr. Borntraeger).

EPONYMY: *Steinmannia* R.A. Philippi (1884).

12.949. *Elemente der Paläontologie* ... Leipzig (Verlag von Wilhelm Engelmann) 1890. (*Elem. Paläont.*).
Co-author: Ludwig Döderlein (1855-1936).
Publ.: 1890 (p. viii: Nov 1889), p. [i]-xix, [iii*]-xi*, [1]-848. *Copy*: PH.

12.950. *Palaeontologie und Abstammungslehre am Ende des Jahrhunderts.* Rede gehalten bei der Uebernahme des Prorektorats der Albert-Ludwigs-Universität ... Freiburg i. B.

(Universitäts-Buchdruckerei von Chr. Lehmann's Nachf.) 1899. Qu. (*Palaeont. Abstamm.-Lehre*).
Publ.: 1899, p. [1]-39. *Copy*: USGS.

12.951. *Einführung in die Paläontologie* ... Leipzig (Verlag von Wilhelm Engelmann) 1903. Oct. (*Einf. Paläont.*).
Publ.: 1903 (p. iv: mid Aug 1903), p. [i]-ix, [1]-466. *Copies*: B; Rijksmus. Geol. Heerlen. – Plants on p. 11-59.
Ed. 2: 1907 (p. vi: late Jul 1907), p. [i]-xii, [1]-542. *Copies*: B, PH, Univ. Illinois, USGS.
Ref.: Gothan, W., Bot. Centralbl. 110: 117-118. 2 Feb 1909 (rev. ed. 2).

12.952. *Die geologischen Grundlagen der Abstammungslehre* ... Leipzig (Wilhelm Engelmann) 1908. Oct. (*Geol. Grundl. Abstamm.-Lehre*).
Publ.: Mar-Apr 1908 (p. viii: late Feb 1908; ÖbZ for Apr 1908; Bot. Zeit. 1 Jul 1908), p. [i]-viii, [ix, cont.], [1]-284. *Copies*: B, LD, PH, USGS. – p. 119-141: plant fossils.
Ref.: Anon., Österr. bot. Z. 58: 371-372. 1908 (rev.).

12.953. *Geologie von Peru* ... Heidelberg (Carl Winters Universitätsbuchhandlung) 1929. Oct. (*Geol. Peru*).
Collaborators: R. Stappenbeck (Nutzstoffe), F. Sieberg (Erdbeben), C. Lissón (Geologische Karte).
Publ.: 1929, p. [i]-xii, [1]-448, *pl. 1-9*, map. *Copies*: LC, NSUB, PH, Univ. Illinois.
Spanish transl.: 1930, p. [i]-xiv, [1]-448, *pl. 1-9*, map. *Copy*: Univ. Illinois. – *Geologia del Peru* ... Heidelberg (id.). Oct.

Steinvorth, Heinrich (1817-1905), German (Hannoverian) botanist and high school teacher at the Johanneum, Lüneburg; later in retirement at Hannover. (*Steinvorth*).

HERBARIUM and TYPES: HAN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 323; BM 5: 2012; Christiansen p. 320 [index]; IH 2: (files); LS 25768, 32889; Morren ed. 10, p. 14; PR 8928; Rehder 1: 382, 5: 823.

BIOFILE: Anon., Abh. naturw. Ver. Bremen 36(2): 256. 1964; Ber. deut. bot. Ges. 23: (90). 1905 (d. 24 Nov 1905).
Fischer-Benzon, R.J.D. v., *in* P. Prahl, Krit. Fl. Schlesw.-Holst. 2: 56. 1890.
Koppe, F., Abh. naturw. Ver. Bremen 36: 240, 256. 1964.

NOTE: Johannes Steinvorth wrote, with R. von Fischer-Benzon as senior author, *Ueber die Flora der Umgegend von Hadersleben* ... Hadersleben 1873, see P. Ascherson, Bot. Zeit. 31: 443-444. 1873. See also R.J.D. Fischer-Benzon in P. Prahl, Krit. Fl. Schl.-Holst. 2(1). 56-57. 1890.

12.954. *Phanerogamen-Flora des Fürstenthums Lüneburg* und seiner nächsten Begränzung. Tabellen zu einer leichten Bestimmung aller daselbst wildwachsenden und der in Gärten und Feldern häufig gebauten phanerogamischen Gewächse ... Lüneburg (Druck der von Stern'schen Buchdruckerei) 1849. Oct. (*Phan.-Fl. Lüneburg*).
Publ.: 1849, p. [i]-xiv, [1]-170. *Copies*: B, HBG, LC, NY.
Ref.: A.G., Bot. Zeit. 8: 450-453. 1850 (rev.).

Stelfox, Arthur Wilson (1883-1972), Irish architect and naturalist; at the National Museum Dublin 1920-1948. (*Stelfox*).

HERBARIUM and TYPES: BEL (including correspondence and notes; over 400 specimens); further material at BM (over 2400 specimens, Cyperac.), DBN, GALW.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 282, 284, 289, 720; BM 5: 2013; Desmond p. 582 (d. 19 Mai 1972).

BIOFILE: Anon., Nature 238: 175-176. 1972 (obit.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 439 [index]. 1980.
Graham, M. et al., Irish Naturalists Journal 17: 285-302. 1973 (obits., various aspects of activities, portr., bibl., coll.).
Hackney, P., Irish Nat. J. 17(9): 318. 1973 (coll. BEL).
Kent, D.H. & D.E. Allen, Brit. Irish herb. [ed. 2]. 250. 1984.
Mitchell, M.E., Bibl. Irish lichenol. 621. 1971.
Praeger, R.L., Botanist in Ireland 78. 1934; Some Irish naturalists 158. 1849.

MEMORIAL PUBLICATION: Irish Naturalists Journal 17(9). 1973.

Stellati, Vincenzo (1780-1852), Italian (Napoli) botanist and physician; practicing physician at Napoli, also professor of materia medica at the University and director of its botanical garden. (*Stellati*).

HERBARIUM and TYPES: Unknown. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 323 (d. 8 Mar 1852); BM 5: 2013; Bossert p. 382; CSP 5: 818; Herder p. 73; PR 8929, ed. 1: 9894; Rehder 1: 85; Saccardo 1: 158, 2: 104.

BIOFILE: Balsamo, F., Bull. Orto bot. Napoli 3: 47. 1913 (portr., biogr. not.).
Wittrock, V.B., Acta Horti Berg. 3(2): 166. 1983, 3(3): 180. 1905.

Steller [Stöller], **Georg Wilhelm** (1709-1746), German (Franconian) explorer, geographer and biologist; studied medicine in Halle 1731-1734; physician in the Russian army 1734, assistant to Johann Amman at the Academy of Sciences, St. Petersburg 1737; on the second Bering Expedition 1738-1742, with V. Bering in Kamchatka 1740, and on the St. Peter to Alaska 1741; worked in Petropavlovsk 1742-1744, died on the journey back to St. Petersburg. (*Steller*).

HERBARIUM and TYPES: LE, including manuscripts. Botanical collections from Alaska lost. Some lichens from Kamtchatka at GOET and M. – Some of his collections (30) are at LINN, other specimens at BM, H.

BIBLIOGRAPHY and BIOGRAPHY: AG 3: 116; Backer p. 548; Barnhart 3: 323 (b. 10 Mar 1709, d. 14 Nov 1749); BM 5: 2013, 8: 1244; Dryander 3: 557; DSB 13: 28-29 (S. Lindroth); Frank 3 (Anh.): 100; Hegi 5(2): 726; Herder p. 60; IH 2: (files); Lasègue p. 322, 357, 411, 503; MW suppl. p. 333; PR 8930, ed. 1: 9895; Rehder 1: 454; TL-2/see J.G. Gmelin, F. Ruysch; TR 1354-1364 (lists also mss.).

BIOFILE: Alden and Ifft, Occ. Papers Calif. Acad. Sci. 20: 4-7. 1943.
Anon., Bonplandia 6: 55-56. 1858 (on letters Steller to J.G. Gmelin).
Borodin, J., Trav. Mus. bot. Acad. Sci. St. Petersburg 4: 113-114. 1908 (on explorations; eponymy).
Coats, A.M., Plant hunters 50-51. 1969.
Candolle, Alph. de, Phytographie 452. 1880 (coll. at LE).
Crowley, W.R., Morton Arbor. Quart. 12(3): 43. 1976.
Ewan, J., Regn. veg. 71: 38, 50, 54. 1970 (coll. Alaska; in Essays in Biohistory).
Ford, Covey, Where the sea breaks its back. The epic story of the pioneer naturalist and the discovery of Alaska. Boston-Toronto 1966, 206 p.
Fries, T.M., Bref Skrifv. Linné 1(2): 32. 1908, 1(3): 188, 196. 1909, 1(5): 227. 1911, 1(6): 258. 1912.
Herder, F. v., Bot. Jahrb. 9: 452-453. 1888 (notes on travels and bot. coll.).
Hünefeld, H., *in* Fränkische Lebensbilder 7: 209-221. 1977 (bibl., mss., major treatment).
Hultén, E., Fl. Kamchatka 8. 1927 (on coll. at LE); Bot. Not. 1940: 289-290, 295-296. 1940.
Hulth, J.M., Bref Skrifv. Linné 179, 180. 1922.
Jackson, B.D., Proc. Linn. Soc. 134 (suppl.): 20. 1922 (30 specimens at LINN).

Lowden, R.M., Taxon, Index pers. names vols. 1-30. 700. 1985.
Plieninger, G.H.T., J.G. Gmelini Reliquias quae supersunt ... 157-185. 1861 (letters).
Poggendorff, J.C., Biogr.-lit. Handw.-Buch 3: 1289-1290. 1898.
Raab, H., Z. Pilzk. 46: 108. 1968 (annotation from Kamchatka book on *Amanita muscaria*).
Reveal, J., *in* Hafen et al., Western America ed. 3: 380. 1970 (note).
Rowell, M., Taxon 29: 26. 1980 (corr. with L.).
Schwarzbach, M., Auf den Spuren unserer Naturforscher 260. 1981.
Shetler, S.G., Komarov Bot. Inst. 31, 44. 1967.
Stejneger, L., Georg Wilhelm Steller, the pioneer of Alaskan natural history, Cambridge, Mass. 1936, xxiii, 623 p., *29 pl.* (main biogr.).
Sutton, A. & M., Natural History 65: 485-491. 1956; Steller of the North, New York, Chicago, San Francisco 1961, 231 p.
Urness, C., A naturalist in Russia 188 [index]. 1967 (Pallas and St.).

HANDWRITING: Central Herbarium USSR 123. 1968; Stejneger, L. (1936), *pl. iii.*

EPONYMY: *Rellesta* N.S. Turczaninow (1849); *Stellera* Linnaeus (1753); *Stellera* N.S. Turczaninow (1840); *Stelleropsis* Pobedin (1950).

12.955. Georg Wilhelm Stellers ... *Beschreibung von dem Lande Kamtschatka* dessen Einwohnern, deren Sitten, Nahmen, Lebensart und verschiedenen Gewohnheiten herausgegeben von J.B.S. ... Frankfurt und Leipzig (bey Johann Georg Fleischer) 1774. Oct. (*Beschr. Kamtschatka*).
Editor and author of biography of Steller (p. [1]-24): J.B. Scherer.
Publ.: 1774 (NZgS 27 Nov 1775), p. [i-viii], [1]-24, [1-4], [1]-384, [1]-71, [72], *15 pl.* *Copies*: H-UB, HH, NSUB. – For a complete collation and notes see Lada-Mocarski (1969); "von den Bäumen, Stauden und Pflanzen des Landes Kamtschatka" p. 74-96.
Facsimile ed.: 1974, ed. H. Beck, p. [i*-ii*], [i]-xxiii new preface material followed by reprints of *Reise von Kamtschatka nach Amerika* (1793), and *Ausf. Beschr. sonderb. Meerthier.* (1753). *Copy*: Univ. Illinois.
Ref.: Lada-Mocarski, V., Bibl. books Alaska 90-92. 1969.

Stemen, Thomas Ray (1892-1968), American botanist; AB Huntington Coll. (Ind.) 1914, MA Univ. Okla. 1922; instructor in biology, Central High School, Oklahoma City 1915-1935, head science department 1935. (*Stemen*).

HERBARIUM and TYPES: OKLA.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 323 (b. 23 Mar 1892); BL 1: 208, 320.

BIOFILE: Anon., The Daily Oklahoman 4 Mai 1968, vol. 77, no. 120, p. 15 (obit. not.). Estes, J.R., Letter to authors d.d. 12 Apr 1983 (d. 3 Mai 1968, Oklahoma City).

12.956. *Oklahoma flora*, (illustrated) ... Oklahoma City, Oklahoma (Harlow Publishing Corporation) 1937. (*Oklahoma fl.*).
Co-author: William Stanley Myers (1888-?).
Publ.: 1937 (MO rd 29 Mar 1937; Nat. Nov. Sep-Oct 1937), p. [i*-ii*], i-xxix, [xxxi], 1-706. *Copies*: B-S, HH, MO, NY, US, USDA.
Ref.: Fernald, M.L., Rhodora 40: 179-183. 1938 (crit. rev.).

Stemler, Johann Gottlieb (1788-x), Ruthenian-German ("rutheno-variscus") botanist; Dr. phil. Jena 1810, Dr. med. Würzburg 1811; practicing physician (1811), later regional physician in Zeulenroda (Vogtland). (*Stemler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: PR 8931, ed. 1: 9897; Rehder 1: 251; SO 791a.

12.957. *Specimen parallelismi inter systema linnaeanum et jussieuvianum.* Quod amplissimi

philosophorum ordinis examini subjecit I.G. Stemler, ... rutheno-variscus. Jenae (ex officina Etzdorfiana) 1810. Qu. (*Spec. syst. linn. et juss.*).
Publ.: 1810, p. [1]-12. *Copy*: B-S, HH.

Stenar, Helge [Axel Helge Svensson] (1896-1971), Swedish botanist; Dr. phil. Uppsala 1925; high school teacher at Östersund 1929-1946, at Södertäle 1946-1962. (*Stenar*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BL 2: 527, 720; Tucker 3: 294.

BIOFILE: Anon., Generalreg. Bot. Not. 1839-1938: 73. 1939.
Arwidsson, T. and G.R. Cedergren, Generalreg. Sv. bot. Tidskr. 1907-1926: 33. 1932.
Dahlgren, K.V.O., *in* Fries, R.E., Short hist. bot. Sweden 87. 1950.
Forssell, S., Generalreg. Bot. Not. 1939-1958: 28. 1959.
Gejrot, H. et al., Lärarmatrikeln 1946: 629-630. 1946 (biogr. bibl.).
Peterson, B., Generalreg. Sv. bot. Tidskr. 1927-1946: 35. 1949.
Peterson, B. & G., id. 1947-1966: 35. 1971.

12.958. *Embryologische Studien* I u. II. I. Zur Embryologie einiger Columniferen. II. Die Embryologie der Amaryllideen. Akademische Abhandlung welche zur Erlangung der Doktorwürde mit Erlaubnis der mathematisch-naturwissenschaftlichen Sektion der Philosophischen Fakultät zu Uppsala Mittwoch den 27. Mai 1925 ... verteidigt wird ... Uppsala (Appelbergs Boktryckeri Aktiebolag) 1925. Oct. (*Embryol. Stud.*).
Publ.: 1-27 Mai 1925, p. [i]-iv, [1]-195, [196, 197], *pl. 1*. *Copy*: LD.

12.959. *Parthenogenesis in der Gattung Calamagrostis*, Embryobildung bei Calamagrostis obtusata Trin. und Calamagrostis purpurea Trin. ... Arkiv för Botanik Band 25A. N:o 6. [1932]. Oct.
Publ.: shortly after 5 Sep 1932 (date of printing; distributed in journal volume 21 Sep 1933), p. [1]-8, *pl. 1*. *Copies*: LD, U; IDC 8562 (204).

12.960. *Embryologische und zytologische Beobachtungen über Majanthemum bifolium* und Smilacina stellata ... Arkiv för Botanik Band 26A. N:o 8. [1934]. Oct.
Publ.: shortly after 24 Jan 1934 (date of printing; distribution in journal volume on 31 Jan 1935; Nat. Nov. Apr 1934), p. [1]-20, *pl. 1*. *Copies*: LD, U.

Stenfort, F. (*fl.* 1874), French botanist. (*Stenfort*).

HERBARIUM and TYPES: *Exsiccatae* see below *Les* [*plus belles*] *plantes de la mer*.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 2014.

12.961. *Les plantes de la mer* ... Brest (Imprimerie de J.B. Lefournier ainé, ...) 1866. Oct. (*Pl. mer*).
Publ.: 1866, p. [1]-22, 31 card-board sheets with one specimen of algae each. *Copy*: BR. – The text leads up to no. 110.

12.962. *Algues marines*. Les plus belles plantes de la mer ... Paris. 1874.
Ed. 1: 1874, text with 52 "plates" consisting of herbarium specimens. BM copy cites 48 specimens, FH copy, Sayre 48, preceded by *Les plantes de la mer* , 23 p., 49 specimens, Brest (Lefournier aîné) 1866, fide Sayre 1969.
Ed. 2: 1877, p. [i*, iii*], frontisp., [v*-vi*], [i]-vi, [7]-163, [164, cont.], with 50 specimens used as "plates". *Copies*: LC, NY. – *Les plus belles plantes de la mer* méthode à suivre dans la recherche et la recolte des algues description des familles et des espéces ... deuxième tirage. Paris (Librairie J.-B. Baillière et fils ...) 1877. Oct.
Ref.: Sayre, G., Mem. New York Bot. Gard. 19(1): 101. 1969.

Stenhammar, Christian (1783-1866), Swedish botanist (lichenologist), clergyman, politician and polyhistor; Dr. phil. Uppsala 1801; ordained 1813; Dr. theol. 1845, high

school teacher history and geography at Linköping (1822) 1823-1830; from 1836 vicar at Häradshammar and Jonsberg in Östergötland; member of the Swedish Parliament 1834-1851. (*Stenh.*).

HERBARIUM and TYPES: S, UPS (non-Swedish material at Linköping). – Other material (mostly sets of exsiccatae) at B (mainly destr.), BM, BPI, BR, CAN, COLO, FH, L, LD, M, NA, NY, PC, TO, UPS (impt. coll.), WRSL. *Exsiccatae*: (*1*) *Lichenes Sueciae exsiccati* fasc. 5-6, nos. 121-180. 1825; fasc. 10, nos. 271-300. 1833; 14, nos. 391-420. 1833. (fasc. 1-4, 7-9, 13 by E. Fries; fasc. 12 by Th.M. Fries).
(2) *Lichenes sueciae exsiccati*. Editio altera, fasc. 1-8, nos. 1-240, 40 sets issued, 1856-1865. Sets at e.g. BM, FH, H, K, L, LD, M, MICH, MSC, NY, O, PC, UPS, W. – Stenhammar received a state subvention of 600 Rth. for the continuation of this work in 1859 (Flora 42: 95. 1859); see also Bot. Not. 1857: 69, 1863: 62, 1865: 167.
For further details on the exsiccatae and associated publications see KR p. 666-667, nos. 4, 5, 7, 8 and Sayre (1969). – A note in Hedwigia 8: 24 (1869) states that S.'s lichen herbarium is at S. – *Letters* to D.F.L. von Schlechtendal at HAL; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 323 (b. 18 Oct 1783, d. 10 Jan 1866); BM 2: 625; CSP 5: 819, 8: 1010; Frank 3 (Anh.): 100; GR p. 482, *pl.* [*39*], cat. p. 72; Hawksworth p. 186; Herder p. 260; Kelly p. 218; KR p. 666-667 (bibl., exsicc.); Krempelh. 1: 326, 613; LS 25776-25782; PR 8933, ed. 1: 3389; TL-2/see E.M. and T.M. Fries; Urban-Berl. p. 291.

BIOFILE: Anon., Bot. Not. 1845: 62 (stipend), 1857: 103 (Öland, Gottland), 1857: 69-70 (exsicc.), 1863: 62-64 (id.), 1865: 167-168 (id.).
Candolle, Alph. de, Phytographie 452. 1880 (coll.).
Fries, T.M., Flora 49: 76-78. 1866 (obit.); Bot. Not. 1866: 1-6 (obit.).
Hellbom, P.J., Hedwigia 8: 24-28. 1867 (on his herb.; private herb. acquired by S).
Laundon, J.R., Lichenologist 11(1): 177. 1979 (coll. S.).
Lindman, S., Sv. män kvinn. 7: 208. 1954 (biogr., portr.).
Löwegren, Y., Naturaliekabinett i Sverige 366. 1952.
Lynge, B., Nyt Mag. Naturvid., Oslo 51: 116. 1913 (exsicc.).
Sayre, G., Mem. New York Bot. Gard. 19(1): 165. 1969 (on exsicc.).
Wahlberg, P.F., Lefnadsteckn. K. Sv. Vet. Akad. 1870, p. 397-420 (biogr., bibl.).
Wittrock, V.B., Acta Horti Berg. 3(3): 53, *pl. 103*. 1905 (portr.).

EPONYMY: *Stenhammara* Flotow ex Körber (1855); *Stenhammarella* H. Hertel (1967); *Steenhammera* [sic] H.G.L. Reichenbach (1831, also honors Carl Stenhammar (1783-1827), according to KR).

NOTE: Carl Stenhammar (1783-1827), Dr. med. Uppsala 1817, professor of natural history Karol. Inst., Stockholm, contributed to C. Wahlenberg, *Fl. suec.* 1826, see KR p. 665-666.

12.963. *Schedulae criticae de lichenibus exsiccatis Sueciae*. Fasciculos v. et vi ... Lincopiae [Linköping] (excudebat A. Petre) 1825. Qu. (*Sched. crit. lich. Suec.*).
Publ.: 1825 (p. [ii]: 1 Oct 1825), p. [i-ii], [1]-14. *Copies*: Almborn, G(2), PH, Stevenson.

12.964. *Novae schedulae criticae de lichenibus suecanis* ... Norcopiae [Norrköping] (Abr. Bohlin) 1833. Qu. (*Nov. sched. lich. suec.*).
Publ.: 1833, p. [1]-19 [fasc. x], [1]-17 [fasc. 14]. *Copies*: Almborn, G, MICH, NY.

Stenroos, Karl Emil (after 1906: Kivirikko, Kaalo Eemeli) (1870-1947), Finnish botanist, zoologist and high school teacher in Helsinki; Dr. phil. Helsinki 1898; professor h.c. 1930. (*Stenroos*).

HERBARIUM and TYPES: H; further material at DBN.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 324; BL 2: 86, 720; BM 5: 2014, 8: 1244;

Bossert p. 382; Collander p. 497, 246-248 (Kivirikko); CSP 18: 942; IH 2: (files); Nordstedt suppl. p. 15; Rehder 5: 823; Saelan p. 476-477; Tucker 1: 667.

BIOFILE: Anon., Cat. gén. livr. impr. Bibl. natl. 177: 1162-1163. 1950.
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Stenroos, K.E., Skildringar från Central-Asien (Folkupplysnings-Sällskapets Skrifter 130: 1-140), Helsingfors 1904 (his journey with V.F. Brotherus to C. Asia, 1896).
Suomalainen, E., Luonnon Tutkija 51: 65-69. 1947 (portr.).
[Suomalainen, P.], Luonnon Ystävä 49: 1-2. 1945 (portr. with signature).

12.965. *Nurmijärven pitäjän siemen-ja saniais-kasvisto* ... Helsingissä (J. Simeliuksen perill. kirjapainoosakeyhtiö) 1894. Oct.
Publ.: 1894, p. [1]-85. *Copies*: H; IDC 8553 (54-55). – Issued as Acta Soc. Fauna Fl. fenn. 9(11), 1894 (5 Mai).

12.966. *Die Cladoceren der Umgebung von Helsingfors* ... Helsingfors 1895. Oct. (*Cladoc. Helsingfors*).
Publ.: 1895, p. [1]-44, [45], *1 pl. Copies*: U; IDC 8553 (62).

12.967. *Koulukasvio* ... Porvoossa (Werner Söderström Osakeyhtiö) [1912]. Oct. (*Koulukasvio*).
Publ.: 1912 (p. iv: Apr 1912), p. [i]-viii, [1]-277, [279]-288. *Copy*: H. – School flora; for further editions see Collander p. 247 (no. 13); for a book on school botany see p. 246, no. 9. – Published under the name K.E. Kivirikko.

Stenström, Karl Otto Edvard (1858-1901), Swedish botanist; Dr. phil. Uppsala 1890; from 1897 teacher at a high school in Norrköping. (*Stenström*).

HERBARIUM and TYPES: Material at C, E, GB, LD. – Hieracium collections at S (left to H. Dahlstedt) (Bot. Not. 1901: 20).

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 324; Biol.-Dokum. 17: 8941; BJI 1: 56; BM 5: 2014; CSP 18: 942; IH 2: (files); KR p. 667-668 (b. 10 Dec 1858, d. 16 Jan 1901, bibl.); Rehder 1: 219.

BIOFILE: Anon., Bot. Not. 1901: 20 (d.).
Hesselman, H., Ark. Bot. 4(4), 1905, 54 p. *1 pl.* (on S.'s studies of the importance of exposition for vegetation; biogr. notes).
Wittrock, V.B., Acta Horti Berg. 3(2): 71, *pl. 12.* 1903.

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Thesis: 15 Apr-10 Mai 1890, p. [i], [1]-76, 3 charts. *Copies*: FI, G, H, LD, NY(2), US, USDA.
Commercial ed.: Jun 1889 (t.p.), p. [i], [1]-76, 3 charts. *Copies*: B, M. – *Värmländska ... Hieracium-Flora af K.O.E. Stenström* (Juni 1889). Upsala (id.) 1889. Oct.

12.969. *Ueber das Vorkommen derselben Arten in verschiedenen Klimaten* an verschiedenen Standorten, mit besonderer Berücksichtigung der xerophil ausgebildeten Pflanzen. Eine kritisch pflanzenbiologische Untersuchung ... München (Druck von Val. Höfling, ...) 1895. Oct.
Publ.: 22 Feb, 11 Mai 1895 (in journal), p. [i], [1]-139. *Copy*: B. – Reprinted and to be cited from Flora 80(1): 117-240. 22 Feb 1895 and [Nachtrag] 80(2): 421-435. 11 Mai 1895.
Ref.: Jaccard, P., Bull. Soc. vaud. Sci. nat. 33: 101-122. 1897 (commentary).

12.970. *Bidrag till Skånes Hieracium-Flora* ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1896. Oct. (*Bidr. Skån. Hierac.-Fl.*).
Publ.: 1896 (submitted 9 Sep 1896), p. [1]-42. *Copies*: LD, M, U; IDC 7670 (398-399). – Issued as Bih. Sv. Vet.-Akad. Handl. 22(3) 7, 1896.

Stent, Sydney Margaret (1875-1942), South African botanist; caretaker of the Transvaal Dept. Agr. herbarium 1904, subsequently economic botanist and agrostologist ib. until 1930; with the Rhodesian Dept. of Agriculture, Salisbury 1930-1934; in retirement at Pretoria. (*Stent*).

HERBARIUM and TYPES: PRE; other material in SRGH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 324; Hortus 3: 1204.

BIOFILE: Bullock, A.A., Bibl. S. Afr. bot. 113. 1978 (bibl.).
Gunn, M. & L.E. Codd, Bot. Expl. S. Afr. 112, 334. 1981 (curr. vit., portr., epon.).
Stieber, M.T., Huntia 3(2): 125. 1979 (notes by S. in mss. A. Chase).
White, A. & B.L. Sloane, The Stapelieae ed. 2. 848, 925. 1937.

12.971. *The grasses of Southern Rhodesia* ... Reprinted from the Proceedings of the Rhodesia Scientific Association, vol. xxxii, Mai, 1933. Oct. (*Grass. S. Rhodesia*).
Publ.: Mai 1933, p. [i], [1]-64. *Copy*: U. – Reprinted and to be cited from Proc. Rhodesia sci. Ass. 32: [1]-64. Mai 1933.

Stenzel, Georg (*fl.* 1893), German (Silesian) botanist; Dr. phil. Erlangen 1893. (*Geo. Stenzel*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 324; Biol.-Dokum. 8941; Rehder 2: 465; Tucker 1: 667.

12.972. *Anatomie der Laubblätter und Stämme der Celastraceae und Hippocrateaceae.* Inaugural-Dissertation zur Erlangung der Doktorwürde vorgelegt der hohen philosophischen Facultät der Kgl. Bayerischen Friedrich-Alexanders-Universität Erlangen von Georg Stenzel aus Breslau. Breslau (Buchdruckerei zum Gutenberg Anton Schreiber ...) [1893]. Oct. (*Anat. Laubbl. Celastr. Hippocrat.*).
Publ.: Jun-Jul 1893 (Nat. Nov. Aug(1) 1893), p. [i, iii], [1]-91. *Copy*: G.

Stenzel, [Karl] Gustav [Wilhelm] (1826-1905), German (Silesian) botanist; Dr. phil. Breslau 1850; habil. ib. 1854; high school teacher at Küstrin 1854-1857; idem Breslau 1857-1891; student of C.G. Nees von Esenbeck and J.H.R. Göppert. (*Stenzel*).

HERBARIUM and TYPES: WRSL.

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 335; Barnhart 3: 324 (b. 21 Nov 1826, d. 30 Mar 1905); BJI 1: 56; BM 5: 2014; Bossert p. 382; CSP 5: 822, 8: 1011, 11: 489-490, 18: 942-943; Futak-Domin p. 563; Jackson p. 105; Klásterský p. 177; Morren ed. 10, p. 10; NI 726; PR 8934-8937; Quenstedt p. 414; Rehder 1: 387, 5: 823; TL-2/1159, 2079; Tucker 1: 667.

BIOFILE: Andrews, H.N., The fossil hunters 299. 1980.
Anon., Cat. gén. livr. impr. Bibl. natl. 177: 1173. 1950.
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Fick, E., Fl. Schles. 118. 1881.
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Ratzeburg, J.T.C., Forstwiss. Schriftst. Lexik. 474-475. 1872 (autobiogr. sketch).

Stojanowska, W., Cat. pl. Herb. Inst. Bot. Univ. Wratisl., Kat. Zbior. Zieln. Inst. Bot. Univ. Wroclaw 6. 976 (herb. at WRSL).
Verdoorn, F., ed., Manual of Pteridology 16, 25, 46, 82, 85, 93. 1938.
Zittel, K.A. von, Gesch. Geol. Paläont. 609, 788. 1899.

COMPOSITE WORKS: *Gefässkryptogamen in* F. Cohn, *Krypt.-Fl. Schles.* 1: [1]-224. Jan 1876, TL-2/1159.

EPONYMY: *Stenzelia* Göppert (1864).

12.973. *De trunco palmarum fossilium.* Dissertatio inauguralis quam consensu et auctoritate amplissimi philosophorum ordinis in Academia vratislaviensi ad summos in philosophia honores rite capessendos die xii. m. januarii a. mdcccl h.l.q.c. publice defendet auctor Carolus Gustavus Stenzel, vratislaviensis ... Vratislaviae [Breslau] (typis Grasii, Barthii et Soc.) [1850]. Qu. (*Trunc. palm. foss.*).
Publ.: 12 Jan 1850, p. [i, iii], [1]-18, [19-20], *pl. 1-2. Copies*: B, FI, HH, PH. – See also Nova Acta Leop. 22(2): [465]-508, *pl. 51-53.* Feb 1851 for a German version: *Zwei Beiträge zur Kenntniss der fossilen Palmen.*
Ref.: Schlechtendal, D.F.L. von, Bot. Zeit. 8: 828-829. 1850 (rev.).

12.974. *Untersuchungen über Bau und Wachsthum der Farne.* ... [Nova Acta Leopoldina 1858, 1861], 2 parts. Qu.
1 (Stamm und Wurzel von Ophioglossum vulgatum): Dec 1858 (journal issue rd Flora 1-21 Feb 1859, KNAW Mar 1859, Geol. Soc. London Apr-Jan 1859, Bonplandia 14 Jan 1859 "ist nun erschienen"), p. [769]-780, *pl. 56, 57* (as "57", "58"). Issued as Nova Acta Leop. 26(2): [769]-780, id. 1858.
2 (Über Verjügungserscheinungen bei den Farnen): Mar-Mai 1861 (journal rd by Geol. Soc. Lond. Apr-Jun 1861, KNAW Jun 1861), p. [1]-56, *pl. 1-5.* – Issued as Nova Acta Leop. 28: [1]-56, *pl. 1-5.* 1861, Jena (Friedrich Frommann).
Copies: B-S, G.

12.975. *Beobachtungen in durchwachsenen Fichtenzapfen.* Ein Beitrag zur Monographie der Nadelhölzer ... Dresden (Druck von E. Blochmann & Sohn ...) 1876. Qu.
Publ.: Mar-Mai 1876 (mss. submitted 10 Feb 1876; Jan-Jun 1876 rd at Göttingen; Flora rev. Jun 1876), p. [1]-52, *pl. 12-15* (uncol. liths. auth.). *Copies*: HH, NY. – Issued as Nova Acta Leop. 38(3): [289]-340. 1876.

12.976. *Rhizodendron Oppoliense* Göpp. ... Breslau (G.P. Aderholz' Buchhandlung) 1886. Oct. (*Rhizodendron Oppol.*).
Publ.: 1886, p. [1]-30, *pl. 1-3. Copy*: NY. – Issued as Ergänzungsheft to Jahresber. Schles. Ges. vat. Cult. 63.

12.977. *Die Gattung Tubicaulis* Cotta ... Cassel (Verlag von Theodor Fischer) 1889. Qu. (*Tubicaulis*).
Publ.: Jan 1889 (t.p. 1889; Bot. Centralbl. 22 Jan 1889 (as of 1888); Bot. Zeit. 25 Jan 1889; ÖbZ 1 Mar 1889), p. [ii-iii], [1]-50, [51], *pl. 1-7* (uncol. liths. auct.). *Copies*: B, BR, PH. – Bibl. bot. 2(12), 1889, also issued as Mitth. k. mineral.-geol. prähist. Mus. Dresden 8, 1889.
Nachträgliche Bemerkungen: Bot. Zeit. 54(1): 27-31. Jan 1896 (also reprinted with orig. pagination, *copy*: U).
Ref.: H.S., Bot. Zeit. 47: 320-321. 1889 (rev.).
Zeiller, R., Bull. Soc. bot. France 36 (bibl.): 54-55. 1889.

12.978. *Blütenbildungen beim Schneeglöckchen* (Galanthus nivalis) und Samenformen bei der Eiche (Quercus pedunculata) gesammelt ... Cassel (Verlag von Theodor Fischer) 1890. Qu. (*Blütenbild. Schneeglöckch.*).
Publ.: Sep-Oct 1890 (Nat. Nov. Oct(2) 1890), p. [ii-iii], [1]-65, [66-67], *pl. 1-5* (uncol., auct.). *Copies*: HH, PH; IDC 9239 (p.p.). – Bibliotheca botanica Heft 21, 1890.

12.979. *Palmoxylon iriarteum* n.sp., ein fossiles Palmenholz aus Antigua ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1897. Oct. (*Palmoxyl. iriart.*).
Publ.: 1897, p. [1]-18, *pl. 1-2. Copies*: NY, U; IDC 7670 (401). – Issued as Bih. k. Sv. Vet.-Akad., Handl. 22(3), no. 11.

12.980. *Fossile Palmenhölzer* ... Sonder-Abdruck aus: Beiträge zur Paläontologie und Geologie Oesterreich-Ungarns ... Wien und Leipzig 1904. Qu.
Publ.: 1904, p. [1]-181, *pl. 1-22* (uncol. liths. auct.). *Copy*: USGS. – Reprinted and to be cited from Beitr. Paläont. Geol. Oest.-Ung. Orient. 16(3-4): [107]-287, *pl. 3-25*.
Ref.: Solms, H., Bot. Zeit. 62: 380-381. 1904 (rev.).

Step, Edward (1855-1931), British naturalist; popular writer on botany, entomology and conchology; employee of various publishing firms. (*Step*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 324 (b. 11 Nov 1855, d. 11 Nov 1931); BL 2: 222, 224, 720; BM 5: 2015, 8: 1244; Desmond p. 582 (d. 8 Nov 1831); KR 668-669; LS 39539-39540, 41753; Rehder 5: 823; TL-2/601, 8275; Tucker 1: 667.

BIOFILE: Adkin, The Entomologist 64: 287-288. 1931 (obit.), North Western Natural. 7(1): 41-42. 1932 (obit.).
Anon., Bot. Exch. Cl. Brit. Isl. Rep. 1931: 631; Brit. Mus. gen. cat. print. books 229: 520-523. 1964 (extensive list of books; published also under the pseudonym James Weston); J. Bot. 69: 315. 1981 (d.); Nature 128: 863. 1931 (obit. not.); Proc. S. London entom. nat. Hist. Soc. 1931: 34-35. 1932 (obit., portr.); Who's who, London 1899-1932.
Freeman, R.B., Brit. nat. hist. books 327-328. 1980 (lists most of his popular natural history books).
Hy.J.T., Entom. Record 44: 16. 1932 (obit.).
Pugsley, H.W., J. Bot. 70: 18-19. 1932 (obit.); Proc. Linn. Soc. London 144: 189-190. 1932 (obit.).
R.F., Naturalist 1932: 15-16 (obit., portr.).

12.981. *Favourite flowers* of garden and greenhouse by Edward Step, ... the cultural directions edited by William Watson, ... illustrated with three hundred and sixteen coloured plates selected and arranged by D. Bois ... London (Frederick Warne & Co.) and New York. 4 vols. 1896-1897. (*Favourite fl.*).
Plates taken from Désiré Georges Jean Marie Bois (1856-1946), *Atl. pl. Jard.* 1891-1896, 3 vols., see TL-2/601.
1: 1896 (Bot. Zeit. 1 Mar 1897; Nat. Nov. Mar(1) 1897), frontisp., p. [1]-163, *pl. 1-78* (col.).
2: 1897 (Bot. Zeit. Apr 1897; Nat. Nov. Apr(2) 1897), frontisp., p. [i]-x, [165]-323, *pl. 79-156*.
3: 1897 (Bot. Zeit. 1837; Nat. Nov. Jul(1, 2) 1897), frontisp., p. [i]-x, [325]-495, [496, colo.], *pl. 157-234*.
4: 1897 (Bot. Zeit. 16 Oct 1897), frontisp., p. [i]-x, [497]-691, [692, colo.], *pl. 235-312*.
Copies: G, HH, MO, NY.

12.982. *Wild flowers* month by month in their natural haunts ... London (Frederick Warne & Co.) and New York, 2 vols. 1905. Oct.
1: 1905 (Bot. Zeit. 7 Oct 1905; Nat. Nov. Oct(1,2) 1905), frontisp., p. [i-vi], [1]-200, *pl. 1-96*. – Also issued with date 1906.
2: 1905 (Bot. Centralbl. 16 Jun 1906), p. [i-vi, incl. frontisp.], [1]-199, [200, colo.], *pl. 1-96*.
Copy: G (vol. 1, 1906; vol. 2, 1905).

12.983. *Toadstools and Mushrooms of the countryside* a pocket guide to the larger fungi ... London (Hutchinson and Co., ...) [1913]. Oct. (in fours). (*Toadstools and Mushrooms*).

Publ.: 1913 (Bot. Centralbl. 6 Jan 1914 (as of "1913); Nat. Nov. Nov(1) 1913), frontisp., [*2 pl.*], p. [i]-xvi, [1]-143, *pl. 2-136* (of which 8 col.). *Copies*: CBS, FH, USDA.
Reissue: New York 1914, n.v., see Hedwigia 57: (58). 1915; Nat. Nov. Feb(1, 2) 1915, London 1931, n.v., see Nat. Nov. Aug 1931.
Ref.: Anon., J. Bot. 51: 361-362. Dec 1913 (rev.).

12.984. *Herbs of healing* a book of British simples ... London (Hutchinson & Co. ...) [1926]. Oct. (*Herbs heal.*).
Publ.: 1926, p. [i-ii], frontisp., p. [iii]-xiii, 1-206, *46 pl. Copy*: USDA.

Stephan, [Christian] Friedrich (1757-1814), German (Saxonian) botanist and physician; studied in Leipzig and Leiden; to St. Petersburg 1792; military physician in the Crimea 1783; professor of botany and chemistry at Moscow 1786; director of the Forestry Institute St. Petersburg from 1811. (*Stephan*).

HERBARIUM and TYPES: LE; other material in B-W, H (Chr. Steven), MW.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(1): 539; Barnhart 3: 324 (d. 17 Dec 1814); BM 5: 2015; Dryander 3: 648; GR p. 141; Herder p. 201, 315; Hortus 3: 1204; LS 25800; MW p. 471; PR 8938-8941, ed. 1: 9902-9904; SO 746b; TR 1365-1369; Tucker 1: 667; Zander ed. 10, p. 721, ed. 11, p. 822.

BIOFILE: Lipschitz, S., Fl. URSS fontes nos. 1006-1008. 1975.
Shetler, S.G., The Komarov Botanical Institute 28, 196. 1967.

EPONYMY: *Stephania* Willdenow (1799).

12.985. *De Pediculari comosa* lectum in Societate Linnaeana. Lipsiae [Leipzig], xxi. Decembr. 1791. Oct. (*Pedic. com.*).
Publ.: 1791, p. [1]-8, *1 pl.* (uncol. copp.). *Copies*: BR, G.

12.986. Friderici Stephani ... *Enumeratio stirpium agri mosquensis* ... Mosquae [Moskva] 1792. Oct. (in fours). (*Enum. stirp. agr. mosq.*).
Publ.: 1792, p. [i-iv], [1]-63, [64]. *Copies*: B-S, BR, G, H-UB, HH, NY, USDA.

12.987. *Icones plantarum mosquensium* ad historiam plantarum sponte circa Mosquam crescentium illustrandam pinxit et in aes incidit Fridericus Stephan ... Decas I [-II]. Mosquae (apud Rüdiger et Claudi) 1795. Fol. (*Icon. pl. mosq.*).
1: 1795, cover-t.p., [1-2], *pl. 1-10.*
2: 1795, cover-t.p., [1-2], *pl. 11-20.*
Copy: NSUB.

12.988. *Nomina plantarum* quas alit *ager mosquensis* et hortus privatus ... Petropoli (typis Friderici Drechsler) 1804. Oct. (*Nom. pl. ager mosq.*).
Publ.: 1804, p. [1]-61. *Copies*: NSUB, P. – Names only.

Stephani, Franz (1842-1927), German (Berlin) botanist (hepaticologist), from 1859-1863 and 1867-1868 employee, from 1868-1869 director of a woollen yarn spinning mill at Dessau, travelling in Europe 1863-1864; in New York for further professional training 1864-1866; merchant in Waldkirchen (Erzgebirge, Saxonia) 1869-1880; director of a wholesale toys store in Leipzig 1880-1884; from 1884-1907 with the publishing house Julius Klinghardt, Leipzig, from 1889 as confidential clerk; from 1907 in retirement at Leipzig, at Oetsch nr Leipzig 1910-1927. (*Steph.*).

HERBARIUM and TYPES: Original herbarium (ca. 11.000 specimens) at G, but a collection of 11.920 "duplicates" (actually with many unicates) had previously been sold to BM; duplicates at B (mainly destr.), BP, FH, G, K, M (many isotypes), MPU, NY, PR, PRC, W, WELT.
Icones hepaticarum, a set of 12.329 pencil drawings of hepatics studied by S. at G (see Bonner 1958). – Copies of these drawings were made by Stephani's daughter (up to 20

sets) and sold to other institutions. Such sets are e.g. at BM, CINC, FH (9.093), M, MELU, PC, S, WIS. – See Geissler (1982) for the significance of these drawings for the typification of S.'s taxa, and for further details. S.'s correspondence is also at G. – 35 *letters* to V.F. Brotherus at H-UB, 36 letters to F. Renauld at PC, letters to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 324 (b. 15 Apr 1842, d. 23 Feb 1927); Biol.-Dokum. 17: 8945; BJI 1: 56, 171; BM 8: 1244; Bossert p. 382; CSP 11: 491, 12: 703, 18: 944-945; Herder p. 261; IH 1 (ed. 2): 53, (ed. 3): 65, (ed. 6): 364; Jackson p. 296; KR p. 669; NI 1890; SBC p. 132; TL-2/1592, 2867, 7591, 8502, 8726, 8915, 8987, see W. Colenso, J.B.W. Lindenberg, A. Rehmann; Urban-Berl. p. 314.

BIOFILE: Anon., Bryologist 25: 111. 1923 (Icones hepaticarum for sale); Hedwigia 67: (163). 1927 (d.); J. Bot. 33: 256. 1895 (BM will acquire half the Stephani herbarium, "of half, that is to say, of all his specimens which will bear splitting. [By contract Stephani had to leave his original herbarium to G as a compensation for the publication of the *Species hepaticarum*]); Rev. bryol. 40: 32. 1913 (can no longer use a microscope; request not to send further material).

Baehni, C., Mus. Genève 13(8):1. 1956 (on Icon. hepat.).

Beauverd, G., Bull. Soc. bot. Genève ser. 2. 19(2): 334-343. 1928 (obit., discussion of publ.).

Bonner, C.E.B., Verh. schweiz. naturf. Ges. 138: 135-137. 1958 (*Icones* acquired by G).

Geissler, P., Candollea 37(1): 203-217. 1982 (bibl.).

Kitagawa, V., Shida to Koke 5(3): 37-41. 1971 (Japanese).

Koponen, T., *in* Bryophyte systematics 164. 1979 (corr. Brotherus).

Lowden, R.M., Taxon, Index pers. names vols. 1-30. 701. 1985.

Murray, G., Hist. coll. BM(NH) 1: 184. 1904 (11.920 hepatics, being a series of co-types ... purchased 1895, 1896).

Reimers, H., Hedwigia 68: 347-350. 1929 (obit., portr.).

Sayre, G., Bryologist 80: 518. 1977 (coll., sets of drawings).

Schmid, B. & C. Thesing, Biol.-Kalend. 1: 320. 1914.

Schuster, R.M., Hep. Anthoc. N. Amer. 1: 102-105. 1966 (bibl.).

Urban, I., Symb. ant. 1: 159. 1898.

Zijlstra, G., Taxon 31: 718-722. 1982 (use of Sprucean subgeneric names in Lejeunea 1888-1893).

MAIN BIBLIOGRAPHY: P. Geissler, Candollea 37(1): 203-217. 1982.

COMPOSITE WORKS: Stephani contributed *Hepaticae* to numerous composite works. They are listed in the bibliography by Geissler (1982). We mention only some of the most important items published in bibliographically independent items.

(1) [Hepaticae], *in* E. Delaware et al., *Florule de l'Ile Miquelon*, Lyon 1888, p. 64-66.
(2) [Hepaticae], *in* A. Geheeb, *Neu. Beitr. Moosfl. Neu-Guinea* 1889, (Bibl. bot. 13), p. 12.
(3) *Die Lebermoose des Kilimandscharo-Gebietes*, *in* H.H. Meyer, *Ostafrikanische Gletscherfahrten*, Anhang 5: 1-2. Leipzig 1891.
(4) With G. Lindau, *Hepaticae*, *in* A. Engler, *Die Pflanzenwelt Ostafrikas* 5(c): 62-66. 1895.
(5) Hepaticae, *in* E. Bescherelle, *Muscinées in* E.J. de Cordemoy, *Fl. Réunion* 2-16. 1895.
(6) [Hepaticae, identifications in] F. Renauld, *Prodr. fl. bryol. Madagascar* 279-290. 1897.
(7) *Lebermoose aus dem Umanakdistrict*, *in* Bot. Erg. Ges. Erdk. Grönlandexp. A: 62. 1897.
(8) *Hepatics*, *in* [W.P. Hiern], *Cat. Afr. pl. Welwitsch* 2: 310-321. 1901.
(9) *Hepaticae novae Dussianae*, *in* I. Urban, Symb. ant. 2: 469-472. 1 Oct 1901, 3(2): 275-279. 15 Aug 1902.
(10) With V. Schiffner, *Hepaticae*, *in* K. Schumann & K. Lauterbach, *Fl. deut. Schutzgeb. Südsee* 69-79. 1901.
(11) [Hepaticae, ident. in] A. Duss, *Fl. crypt. Antilles franç.* [129]-169. 1904.
(12) *Lebermoose*, *Hepaticae*, *in* H. Meyer, *In den Hoch-Anden von Ecuador*, Berlin 1907, p. 516-517.
(13) *Hepaticae*, *in* C. Chilton, *Subantarct. Isl. New Zealand* 2: 532-534. 1909.
(14) *Hepaticae von Neu-Caledonien*, *in* F. Sarasin & J. Roux, *Nova Caledonia*, *B. Botanik* 1(1, 3): 17-19. 1914, 1(2): 110. 1920.

HANDWRITING: Candollea 33: 405-406. 1978.

EPONYMY: *Stephaniella* Jack (1894); *Stephanina* O. Kuntze (1891).

12.989. *Deutschlands Jungermannien* in Abbildungen nach der Natur gezeichnet nebst Text von F. Stephani ... Landshut (Druck der Jos. Thomann'schen Buchdruckerei ...) 1879. Oct.
Publ.: Feb-Jun 1879 (p. [3]: Jan 1879; J. Bot. Oct 1879; Bot. Zeit. 22 Aug 1879; Nat. Nov. Jul(1) 1879), p. [1]-72, *32 pl.* (uncol.). *Copies*: B, BR, FH, G, M, NY(2), PH, USDA. – Reprinted and to be cited from Ber. bot. Ver. Landshut 7: [93]-164, *32 pl.* 1879. – According to NI the figures on the plates are mostly copied from W.J. Hooker.
Ref.: Gottsche, C.M., Bot. Zeit. 37: 677-679. 1879 (rev.).

12.990. *Einige neue Lebermoose* (Separat-Abdruck aus "Hedwigia" 1883. Nr. 4). Oct.
Publ.: Apr 1883, p. [1]-4. *Copy*: G. – Reprinted and to be cited from Hedwigia 22: 49-52. Apr 1883.

12.991. *Die Gattung Radula* (Separat-Abdruck aus "Hedwigia" 1884. Nr. 8, 9, 10 und 11). Oct.
Publ.: Aug-Nov 1884 (in journal), p. [1]-28. *Copies*: H, NY. – Reprinted and to be cited from Hedwigia 23: 113-116. Aug, 129-137. Sep, 145-159. Oct, 161-163. Nov 1884.

12.992. *Hepaticarum species novae* vel minus cognitae ... Separatabdruck aus "Hedwigia" 1885 Heft iii [-1886 Heft vi]. Oct.
Publ.: A series of 8 papers reprinted, and to be cited from Hedwigia vols. 24 & 25, 1885-1886. *Copies* (of reprints): G, H.
1: Mar 1885, p. [1]-3, *pl. 1-2.* – Hedwigia 24: 89-92, *pl. 1-2.* 1885.
2: Apr 1885, p. [1-2], *pl. 3-4.* – Hedwigia 24: 166-168, *pl. 3-4.* 1885.
3: Mar 1885, p. [1]-4, *pl. 1-2.* – Hedwigia 24: 214-218, *pl. 1-2.* 1885.
4: Nov-Dec 1885, p. [1]-4, *pl. 1-3.* – Hedwigia 24: 246-250, *pl. 1-3.* 1885.
5: Jan 1886, p. [1]-4, *pl. 2-4.* – Hedwigia 25: 5-9, *pl. 2-4.* 1886.
6: Apr 1886, p. [1-2], *pl. 1/2, 3/4.* – Hedwigia 25: 133-134, *pl. 3/4, 5/6.* 1886.
7: Mai 1886, p. [1]-6, *pl. 1-3.* – Hedwigia 25: 202-208, *pl. 1-3.* 1886.
8: Jun 1886, p. [1]-17, *pl. 1-2.* – Hedwigia 25: 233-249, *pl. 1-2.* 1886.

12.993. *Contribuções para o estudo da flora d'Africa* [Hepaticae] Coimbra (Imprensa da Universidade) 1886. Oct.
Collector: Adolpho Frederico Moller (1842-1920) (orig. material at COI).
Publ.: Sep-Dec 1886 (Geissler: after 5 Sep 1886), p. [i], [1]-15. *Copy*: G. – Reprinted and to be cited from Bol. Soc. Brot. 4: 170-184 [p. 177-184 as "149"-"156"].

12.994. *Hepaticae Australiae.* (Separat-Abdruck aus "Hedwigia" 1889. Heft 2, 3 und 4) 1889. Oct.
Publ.: Feb-Apr 1889, p. [1]-50, *pl. 3-4* (uncol.). *Copy*: G. – Reprinted and to be cited from Hedwigia 28: 128-135. Feb, 155-175. Mar, 257-278, *pl. 3-4.* Apr 1889.

12.995. *Die Gattung Lejeunea im Herbarium Lindenberg* (Separat-Abdruck aus "Hedwigia". 1890. Heft 1 [2, 3]. Oct.
Collectors: Johann Bernhard Lindenberg (1781-1851), coll. at W; see TL-2/3: 46-47.
Publ.: Jan-Mar 1890 (in journal), in 3 parts. *Copy*: G (unchanged pagination).
1: Jan 1890, p. [1]-23, Hedwigia 29: [1]-23. Jan 1890.
2: Feb 1890, p. [69]-99, ib. 29: [69]-99. Feb 1890.
3: Mar 1890, p. [133]-142, ib. 29: [133]-142. Mar 1890.
Review: Pearson, J. Bot. 29: 377-380. 1890.

12.996. *Hepaticae costaricenses* [err. "costariscenses"] ... Extrait du Bulletin de la Société royale de Botanique de Belgique, tome xxxi (1892) première partie, 175-182 [Bruxelles 1892]. Oct.
Publ.: 6 Jul 1893 (Geissler p. 208; Bot. Zeit. 16 Sep 1893; J. Bot. Aug 1893), p. [1]-8.

Copies: FH, G. – Reprinted and to be cited from Bull. Soc. bot. Belg. 31(1): 175-182. 1892.

12.997. *Hepaticarum species novae* pars i-ix. [in Hedwigia 32-35, 1893-1896]. Oct.
Publ.: a series of papers in Hedwigia:
1: Jan-Feb 1893, Hedw. 32: 17-29.
2: Mai-Jun 1893, ib. 32: 137-147.
3: Jul-Aug 1893, ib. 32: 204-214.
4: Sep-Oct 1893, ib. 32: 315-327.
5: 30 Jan 1894, ib. 33: 1-10.
6: 20 Jun 1894, ib. 33: 130-169.
7: 15 Feb & 8 Apr 1895, ib. 34: 43-48. 15 Feb, 48-65. 8 Apr.
8: 19 Oct 1895, ib. 34: 232-253.
9: 25 Jun 1896, ib. 35: 73-140.
Reprints with original pagination: (Separat-Abdruck aus "Hedwigia" ...) exist. Set at NY.

12.998. *Cryptogamae Centrali-Americanae* in Guatemala, Costa-Rica, Columbia & Ecuador a cl. F. Lehmann lectae. *Hepaticae* ... Extrait du Bulletin de l'Herbier Boissier Tome II. N°6. Juin 1894. Oct.
Publ.: Jun 1894, p. [1]-2. *Copies*: G(2). – Reprinted and to be cited from Bull. Herb. Boissier 2(6): [402]-403. 1894.

12.999. *Hepaticae japonicae* ... Extrait du Bulletin de l'Herbier Boissier. Tome v. N°2. Février 1897. Oct.
Publ.: Feb 1897, p. [1]-33. *Copies*: G, NY, U. – Reprinted and to be cited as Bull. herb. Boissier ser. 1. 5: 76-108. Feb 1897.

13.000. *Species hepaticarum.* Eine Darstellung ihrer Morphologie und Beschreibung ihrer Gattungen wie aller Bekannten in Monographien unter Berücksichtigung ihrer gegenseitigen Verwandtschaft und geographischen Verbreitung ... Genève et Bale (Georg & Cie, ...) Lyon (même maison) [1898-] 1900. 6 vols. Oct. (*Sp. hepat.*).
1: 5 Apr 1898-25 Jun 1906 (see table below), p. [i-iii], [1]-413. – Reprinted with independent pagination from Bull. Herb. Boissier.
2: 30 Jan 1901-31 Dec 1906, p. [i-iii], 1-615 (id.).
3: 30 Nov 1905-30 Dec 1908, p. [i-iii], 1-693 (id.).
4: 28 Sep 1909-4 Jun 1912, p. [i-iii], 1-824. – Issued in parts (see table below) as "Complément au Bulletin de l'Herbier Boissier". The fascicles of 32 pages were sent independently to the subscribers immediately after printing.
5: 21 Mai 1912-20 Mar 1917, p. [i-iii], 1-1044. (as vol. 4).
6: 23 Apr 1917-15 Jun 1925 (in parts, see table below), p. [i]-vii, 1-763. – *Species hepaticarum* sive enumeratio monographica hepaticarum orbis terrarum hucusque cognitarum. vol. vi. Supplementum ad vol. i-v (1898-1924). Avec un avant-propos de G. Beauverd et l'Index général des volumes i à vi rédigé par le même. Genève (fini d'imprimer le 20 Septembre 1924 [sic, cf. table below for correct date]. Imprimerie Jent, S.A. ...) 1924 [sic]. *Heading*: Université de Genève. Publication de l'Institut botanique et Herbier Boissier.
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Dates of publication of fascicles, as given in the volumes and as provided by Geissler (1982):

VOL. 1	1-35	*Bull. Herb. Boissier*	6: 309-343	5.04.1898
	36-53	*Bull. Herb. Boissier*	6: 361-378	28.04.1898
	54-96	*Bull. Herb. Boissier*	6: 757-799	8.10.1898
	97-123	*Bull. Herb.Boissier*	7:84-110	16.02.1898
	124-151	*Bull. Herb.Boissier*	7:198-225	25.03.1899
	153-179	*Bull. Herb.Boissier*	7:381-407	31.05.1899
	180-195	*Bull. Herb.Boissier*	7:518-533	25.07.1899
	196-236	*Bull. Herb.Boissier*	7:655-695	30.09.1899
	237-274	*Bull. Herb.Boissier*	7:727-764	31.10.1899
	275-304	*Bull. Herb. Boissier*	7: 927-956	30.12.1899

	305-353	*Mém. Herb. Boissier*	11: 1-49	30.04.1900	
	355-400	*Mém. Herb. Boissier*	16: 1-46	25.06.1900	
	401-413	*Mém. Herb. Boissier*	16: 1-13,[Index]	s.d.	
Vol. 11	1-38	*Bull. Herb. Boissier, N.S.*	1: 140-170	30.01.1901	
	39-83	*Bull. Herb. Boissier, N.S.*	1: 477-521	30.04.1901	
	85-103	*Bull. Herb.Boissier,N.S.*	1:1022-1240	30.09.1901	
	104-134	*Bull. Herb.Boissier,N.S.*	1: 1121-1151	31.10.1901	
	135-148	*Bull. Herb.Boissier,N.S.*	2:35-58	31.12.1901	
	149-171	*Bull. Herb.Boissier,N.S.*	2:157-179	31.01.1902	
	173-193	*Bull. Herb. Boissier, N.S.*	2: 454-474	30.04.1902	
	194-225	*Bull. Herb.Boissier,N.S.*	2:657-688	31.07.1902	
	226-257	*Bull. Herb.Boissier,N.S.*	2:857-888	31.07.1902	
	259-277	*Bull. Herb.Boissier,N.S.*	2:969-987	5.12.1902	
	278-309	*Bull. Herb. Boissier, N.S.*	3: 98-129	31.01.1903	"1902"
	310-325	*Bull. Herb. Boissier, N.S.*	3: 326-341	31.03.1903	
	326-341	*Bull. Herb.Boissier,N.S.*	3: 522-537	3.06.1903	
	342-357	*Bull. Herb.Boissier,N.S.*	3:596-611	30.06.1903	
	358-373	*Bull. Herb. Boissier, N.S.*	3: 873-888	30.09.1903	
	374-389	*Bull. Herb.Boissier,N.S.*	3:959-974	31.10.1903	
	390-404	*Bull. Herb.Boissier,N.S.*	4:18-32	31.12.1903	
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	421-436	*Bull. Herb.Boissier,N.S.*	4:345-360	31.03.1904	
	437-452	*Bull. Herb.Boissier,N.S.*	4:586-601	31.05.1904	
	453-468	*Bull. Herb.Boissier,N.S.*	4:775-790	31.07.1904	
	469-484	*Bull. Herb. Boissier, N.S.*	4: 973-988	30.09.1904	
	485-502	*Bull. herb. Boissier, N.S.*	4: 1197-1214	5.12.1904	
	503-518	*Bull. Herb. Boissier, N.S.*	5: 175-190	31.01.1905	
	519-534	*Bull. Herb. Boissier, N.S.*	5: 351-366	31.03.1905	
	535-550	*Bull. Herb. Boissier, N.S.*	5: 736-751	21.07.1905	
	551-566	*Bull. Herb. Boissier, N.S.*	5: 885-900	5.09.1905	
	567-596	*Bull. Herb.Boissier,N.S.*	5:917-946	30.09.1905	
	597-615	*Bull. Herb. Boissier, N.S.*	7: 59-77	31.12.1906	"[index]
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	65-80	*Bull. Herb.Boissier,N.S.*	6:649-664	31.07.1906	
	81-96	*Bull. Herb. Boissier, N.S.*	6: 781-796	31.08.1906	
	97-114	*Bull. Herb. Boissier, N.S.*	6: 872-889	30.09.1906	
	115-146	*Bull. Herb. Boissier, N.S.*	6: 935-966	31.10.1906	
	147-160	*Bull. Herb.Boissier,N.S.*	7:59-72	31.12.1906	"1907"
	161-176	*Bull. Herb. Boissier, N.S.*	7: 297-312	31.03.1907	
	177-192	*Bull. Herb.Boissier,N.S.*	7:477-492	31.05.1907	
	193-208	*Bull. Herb.Boissier,N.S.*	7:683-698	31.07.1907	
	209-224	*Bull. Herb. Boissier, N.S.*	7: 837-852	30.09.1907	
	225-240	*Bull. Herb. Boissier, N.S.*	8: 49-64	28.12.1907	"1908"
	241-264	*Bull. Herb.Boissier,N.S.*	8:125-148	31.01.1908	
	265-280	*Bull. Herb. Boissier, N.S.*	8: 205-220	29.02.1908	
	281-296	*Bull. Herb.Boissier,N.S.*	8:267-282	31.03.1908	
	297-301	*Bull. Herb.Boissier,N.S.*	8:371-375	30.04.1908	
	302-312	*Bull. Herb.Boissier,N.S.*	8:426-436	31.05.1908	
	313-344	*Bull. Herb.Boissier,N.S.*	8:483-514	30.06.1908	
	345-392	*Bull. Herb.Boissier,N.S.*	8:561-608	31.07.1908	
	393-428	*Bull. Herb.Boissier,N.S.*	8:661-696	31.08.1908	
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	517-693	*Bull. Herb.Boissier,N.S.*			
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	129-160	17.09.1912	753-784	28.09.1915
	161-176	21.12.1912	785-800	22.10.1915
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	225-272	20.03.1913	833-848	12.02.1916
	273-304	19.06.1913	849-864	29.03.1916
	305-336	26.07.1913	865-880	15.04.1916
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	417-448	1.11.1913	913-928	29.06.1916
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	513-544	28.03.1914	961-976	25.08.1916
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	577-608	30.06.1914	993-1008	20.09.1916
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	65-96	31.07.1917	639-654	22.12.1924
	97-128	12.09.1917	655-686	1.05.1925
	129-176	28.01.1918	687-734	15.05.1925
	177-240	31.05.1918	735-750	9.06.1925
	241-304	1.03.1922	751-763	15.06.1925
	305-368	8.10.1922		

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Publ.: 1897 (mss. submitted 13 Jan 1897), p. [1]-36. *Copies*: G, NY, U; IDC 7670 (416-417). – Issued as Bih. k. Sv. Vet.-Akad. Handl. 23(3), no. 2. 1897.

13.002. *Beiträge zur Lebermoos-Flora Westpatagoniens* und des südlichen Chile ... Stockholm (Kungl. Boktryckeriet. P.A. Norstedt & Söner) 1900. Oct. (*Beitr. Leberm.-Fl. Westpatag.*).
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13.004. Expédition Antarctique Belge. Résultats du *Voyage du S.Y. Belgica* en 1897-1898-1899 ... Botanique *Hépatiques* ... Anvers (Imprimerie J.-E. Buschmann ...) 1901. Qu. (*Voy. Belgica, Hépat.*).
Publ.: 1901 (date on t.p.; printing finished 1 Sep 1901; Bot. Centralbl. 27 Mar 1906: "1902 (reçu 1906)"; TBC 27 Feb 1907), p. [1]-6. *Copies*: G, MO, NY. – Issued as *Résult. Voy. Belgica* vol. 6, no. 5.

13.005. *Hépatiques de la Serra do Itatiaya* au Brésil ... Rio de Janeiro (Imprensa nacional) 1903. Oct.
Publ.: 1903, p.[1]-13. *Copies*: FH, G, MO, NY. – Reprinted and to be cited from Arch. Mus. nac. Rio de Janeiro 13: 109-119. 1903 (*in* P. Dusén, *Sur la flore de la Serra do Itatiaya* au Brésil).

13.006. Wissenschaftliche Ergebnisse der Schwedischen Südpolar-Expedition 1901-1903 ... Band iv. Lieferung i. *Hepaticae gesammelt von C. Skottsberg während der Schwedischen Südpolarexpedition* 1901-1903 bearbeitet von F. Stephani ... Stockholm (Lithographisches Institut des Generalstabs ...) 1905. Qu. (*Hepat. Schwed. Südpolarexped.*).
Publ.: 1905 (Nat. Nov. Jun(1) 1905), p. [1]-11. *Copies*: FH, U. – Issued as *Wiss. Erg. schwed. Südpolarexp.* 4(1): 1-11. 1905.

13.007. *Hepaticae.* Sonderabdruck aus: Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika-Expedition 1907-1908 ... Band ii, Botanik Leipzig (Verlag Klinkhardt & Bierman) [1911]. Oct.
Publ.: Jan-Mar 1911 (Bot. Centralbl. 21 Mar 1911), p. [1]-24. *Copy*: G. – Reprinted and to be cited from J. Mildbraed, *Wiss. Erg. deut. Zentr.-Afr. Exp.* 2 (Bot.): 111-134. 1911.

13.008. *Botanische Ergebnisse der schwedischen Expedition nach Patagonien* und dem Feuerlande 1907-1909. ii. *Die Lebermoose* ... Uppsala & Stockholm (Almqvist & Wiksells Boktryckkeri-A.-B.) 1911. Qu. (*Bot. Erg. Exped. Patag., Leberm.*).
Publ.: soon after 13 Sep 1911 (date of printing on p. 92), p. [1]-92. *Copies*: B, G, M, U, US; IDC 542 (279-282). – Issued as K. Sv. Vet.-Akad. Handl. ser. 2. 46(9). 1911.

13.009. *Ergebnisse einer botanischen Forschungsreise nach Deutsch-Ostafrika* und Südafrika (Kapland, Natal and Rhodesien). 4. *Hepaticae* ... Wien (aus der Kaiserlich-Königlichen Hof- und Staatsdruckerei ... 1913. Qu. (*Erg. Forschungsr. Deutsch-Ostafr., Hepat.*).
Publ.: 1913, p. [i], [1]-10. *Copy*: G. – Reprinted and to be cited from [J. Brunnthaler in] Denkschr. k.k. Akad. Wiss. Wien, math.-nat. Kl. 88: 724-733. 1913.

Stephanitz, Alexander Ludwig (*fl.* 1838), German (Prussian) pharmacist. (*Stephanitz*).

HERBARIUM and TYPES: Unknown.

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13.010. *De Rhabarbaro* dissertatio geographico-historica ... Berolini [Berlin] (Burmeister et Stange) 1838. Oct. (*Rhabarb.*).
Publ.: 17-23 Jun 1838 (Hinrichs), p. [i], [1]-25. *Copy*: WU.

Stephens, Edith Layard (1884-1966), South African botanist; studied at the South African College (later: Univ. Cape Town) and Cambridge University (U.K.); lecturer in botany at the University of Cape Town 1911-1940; honorary reader in plant taxonomy, Bolus herbarium, Cape Town 1952. (*Stephens*).

HERBARIUM and TYPES: BOL; further material at MO, PRE, PREM, SAM. Rhodesian material at BM. – *Letters* at G.

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(2) Editor, *The Cape Naturalist* 1934-1939.

NOTE: Outside our period: *Some South African edible fungi*, 1953 and *Some South African poisonous and inedible fungi*, 1953. (Longmans Field Handbooks).

Stephenson, John (*fl.* 1820-1830), British physician and botanist; MD Edinburgh. (*Stephenson*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 325; BB p. 287; BM 1: 350, 5: 2016; Desmond p. 583; GR p. 428; Jackson p. 201; Langman p. 721; NI 1891; Plesch p. 416; PR 8946, ed. 1: 9906; Rehder 3: 57; Tucker 1: 668.

EPONYMY: The etymology of *Stephensoniella* Kashyap (1914) was not given.

13.011. *Medical botany*: or, illustrations and descriptions of the medicinal plants of the London, Edinburgh and Dublin Pharmacopoeias: comprising a popular and scientific account of all those poisonous vegetables that are indigenous to Great Britain ... London (John Churchill, ...) 1831. 4 vols. Oct. (*Med. bot.*).
Co-author: James Morss Churchill (*fl.* 1830-1840).
1: 1831 (p. xi: 5 Jul 1831; plates dated), p. [i-xvi], *pl. 1-48* with text sign. B-Z.
2: 1831, p. [i-iv], *pl. 49-95*, with text sign. B-X_2.
3: 1831, p. [i-iv], *pl. 96-140*, with text sign. X, B-T.
4: 1831, p. [i-iv], *pl. 141-185*, with text sign. U-Nn, indexes [1-18].
Copies: B-S, G, HH, MO, USDA. – The plates are dated (months of issue) 1827-1831; they are coloured and of drawings by W. Clark(e), C.M. Curtis, G. Reid, G. Spratt, Weddell (see NI 1891).
New ed. edited by Gilbert Thomas Burnett (1800-1835). *Copies*: NY, USDA.
1: 1834, p. [i-viii], *pl. 1-8*, *10-64*, w.t.
2: 1835, p. [i-iv], *pl. 65-75*, *75*[*bis*], *67-106*, *106*[*bis*], *107-125*, w.t.
3: 1836, p. [i-viii], *pl. 126-185* w.t., p. [i-xii, index], [xiii-xiv, gloss.], [xvii-xxii, abbr.], [xxiii-xxvi, index].

Sterbeeck, Frans [Franciscus] **van** (1630-1693), Flemish (Antwerp-born) clergyman and botanist; priest at Hoogstraten (de Kempen, Belgium); ord. 1655; chaplain at Antwerp 1663; titular canon at Hoogstraten, stationed at Antwerp 1674. (*Sterbeeck*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 347 (index); Barnhart 3:425; BM 5: 2016; Bossert p. 382; Dryander 3: 223, 228, 541, 615; Herder p. 245; HU 341, 365; Jackson p. 162; JW 3: 370, 4: 409, 5: 253; Kelly p. 218; LS 25807; NI 1892-1893; Oudemans 2: 230; PR 8947-8948, ed. 1: 9907-9908; Rehder 3: 106, 121, 496; Tucker 1: 668.

BIOFILE: Bambeke, Ch. v., Bull. Soc. Bot. Belg. 44: 297-338. 1908 (set of drawings); Biogr. natl. Belg. 23: 785-797. 1921-1924.
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Kickx, J., Esquisse sur les ouvrages de quelques anciens naturalistes belges. Bruxelles 1842, 36 p. (ex Bull. Acad. Roy. Bruxelles 9, 1842); Bull. Acad. r. Sci., Bruxelles 9(10): 393-426. *pl. 1-32.* 1842 (on S. and his *Theatrum fungorum*); Notice sur François van Sterbeeck, Gand [Gent] 1857, xii p. (portr.), (repr. from J. Agr. prat. Belg. 9, 1857).
Louis, A., *in* Natl. biogr. woordenb., Brussel 2: 814-819. 1966 (b. 17 Nov 1630, d. 5 Mai 1693).
Lütjeharms, W.J., Gesch. Mykol. 40, 68, 72, 720, 233. 1936.
Van Bambeke, Ch., Bull. Soc. Bot. Belg. 43: 104-114. 1906 (on *Scleroderma* with Sterbeeck), 44: 297-331. 1907 (ills. fungi of Sterbeeck based on those of Clusius).
Wittrock, V.B., Acta Horti Berg. 3(2): 88. 1903.

HANDWRITING: Bull. Acad. r. Sci., Bruxelles 9(10): *pl. 1.* 1842.

EPONYMY: *Sterbeeckia* Dumortier (1822). No etymology was given for *Sterbeckia* [sic] Schreber (1789).

13.012. *Theatrum fungorum* oft het tooneel der Campernoelien waer inne vertoont wort de gedaente, ken-teeckens, natuere, crachten, voetsel, deught ende ondeught; mitsgaders het voorsichtigh schoonmaken ende bereyden van allerhande Fungien; en blijck-teeckenen van de gene die vergiftighe gegeten hebben, met de gheneesmiddelen tot soodanigh ongeval dienende: beneffens eene naukeurige beschrijvinghe vande Aerdbuylen, Papas, Tarratouffli, Artichiocken onder d'aerde, ende dierghelijcken ghewasschen. Waer by ghevoegt is een cort tractaet vande hinderlijcke Cruyden van dit landt, als wilde Petercelie, ende andere, met de teghen middelen teghen soodanigh vergif. Alles met neerstigheyt, lanck-duerige ondervindinghe, ende ijverigh ondersoecken vande schriften der ervarenste cruyt-kenders vergaedert ende beschreven door Franciscus van Sterbeeck priester. Verciert met veele beelden van alle ghedaenten van Campernoelien ende andere cruyden, dienende tot dit werck: alles naer het leven in coper ghesneden. t'Antwerpen (Bij Joseph Jacobs, ...) 1675. Qu. (*Theatr. fung.*).
Publ.: 1675, frontisp., portr., p. [i-xxxviii], 1-396, [397-415, indexes], [416, err.], *pl. 1-36.* *Copies*: BR, G, MO, NY, Stevenson; IDC 5288.
Ed. 2: 1712, as ed. 1 with new t.p., front., portr., p. [i-xxxii], 1-396, [397-415, indexes], [416, err.], *pl. 1-36.* – "Den tweeden Druk verbetert". t'Antwerpen (by Franciscus Huyssens, ...) 1712. Qu. *Copies*: BR, G, Stevenson.
Note: on the origin of Sterbeecks illustrations of fungi see Britzelmayr (1894, 1895), Istvánffi (1895) and Clusius – Codex 1900, (TL-2/3198) and Van Bambeke (1907).

13.013. *Citricultura* oft regeringhe der uythemsche boomen te weten oranien, citroenen, limoenen, granaten, laurieren en andere. Waer in beschreven is de gedaente ende kennisse der boomen, met hunne bloemen, bladeren en vruchten: van ieder geslacht in het besonder. Als oock van den Ranck-appel, oprechten Laurier van America, den Caneelboom: ende besonderlijck van den Verboden Adams oft Paradys-appel. Daer beneffens de natuere, kracht, en ghebruyck, haer deught en ondeught van ieder vrucht en plant. Wae by oock grondigh gheleert wordt het zaeyen, mesten, planten, oculeren, inten, afsuyghen, inlegghen, besnoeyen, en begieten. Oock de kennisse van het treuren ofte sieckten der Boom^e^1, ende haere behulp-middelen. Met alle ghene dese boomen (so wel in den winter, als in den somer) tot welstandt zijn versoeckende. Ende dat alles naer den eysch van ons Nederlandts climaet. By lanckdurighe ondervindinghge in het licht ghegheven ende met kopere platen verciert ... t'Antwerpen (By Joseph Jacops, ...) 1682. Qu. (*Citricultura*).
Publ.: 1682 (approb. 26 Feb 1882), p. [i-xl], 1-296, [297-320, indexes], (321, approb.], *pl. 1-14* (uncol. copp.) (and 2 in preface mat.). *Copies*: G, MO, NY.
Ed. 2: 1712, p. [i-xl], 1-296, [297-320, indexes], *pl. 1-14* (and 1 in preface mat.). *Copy*: BR. – "Den tweeden druck verbetert" t'Antwerpen (by Franciscus Huyssens, ...) 1712. Qu.

Sterler, Alois (1787-1831), German (Bavarian) botanist. (*Sterler*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 2017; GF p. 77; Jackson p. 226; NI 1894; PR 8949-8950, ed. 1: 9909-9910; Rehder 5: 824; Tucker 1: 668.

BIOFILE: Anon., Faunus 1: 51. 1832 (obit. not., d. 15 Dec 1831).

13.014. *Europa's medicinische Flora* ... München (gedruckt mit Ign. Jos. Lentner'schen Schriften, ... [1819-] 1820 [-1824]. Fol. (*Eur. med. fl.*).
Co-author and artist: Johann Nepomuck [Nepomuk] Mayerhoffer [Mayrhoffer] (1764-1832), see TL-2/3: 391.
Publ.: 1819-1824 (in 20 fasc.; fasc. 1 "published" Flora 28 Nov 1819), p. [i-vi], engr. t.p., 1-80, *pl. 1-80. Copy*: U (lacks *pl. 5, 9, 25, 50, 59, 61*).
Note: "Bayerns Arzeneygewächse": was announced for publication in Flora 1: 179-180. 1818.
Ref.: Anon., Flora 2(1): 77. 1819 (announcement), 2(2): 698. 1819 (first part published), 3(1): 96. 14 Feb 1820 (first part described: 2 fol., title, text, *4 pl.*), 6: 139-143. 1823.

13.015.. *Hortus nymphenburgensis* seu enumeratio plantarum in horto regio nymphenburgensi cultarum ... Monachii 1821. Oct. (in fours). (*Hort. nymphenb.*).
Publ.: 1821, p. [i]-viii, [1]-119, [120, err.]. *Copies*: B-S, HH, M, NY, USDA.
Editio altera: 1826, p. [i*], [i]-vi, [vii], [1]-164. *Copies*: B-G, BR. "Editio altera. Monachii. 1826". – Second t.p. (also in ed. 1): "*Der Garten zu Nymphenburg, ...*"

Stern, [Sir] **Frederick Claude** (1884-1967), British banker, soldier, horticulturist and botanist; treasurer Linnean Society 1941-1958; chairman John Innes Horticultural Institution 1947-1961. (*F.C. Stern*).

HERBARIUM and TYPES: BM and K; *letters* and mss. at K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 326; Bossert p. 382; Desmond p. 583 (b. 8 Apr 1884, d. 10 Jul 1967); Hortus 3: 1204; MW p. 471-472, suppl. 334; NI 1895; Plesch p. 416, 417; Roon p. 108; Sotheby 720, 721; Zander ed. 10, p. 721, ed. 11, p. 822.

BIOFILE: Anon., Biol. J. Linn. Soc. 1(3) app. 1: xxxi. 1969; Bull. misc. Kew 1925: 1-6 (description of his garden at Highdown); Gard. Chron. 1932(1): 340 (portr.), 1956(1): 6 (knighthood), 162(7): 4. 1967 (obit.); Who's who (London) 1959-1967; Who was who 6 (1961-1970): 1076.
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 269.339. 1980.
Fletcher, H.R., Story R. Hort. Soc. 335, 405, 409, 424. 1969.
Hadfield, M. et al., Brit. Gardeners 272. 1980.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 701. 1985.
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Palmer, L., J.R. Hort. Soc. 92(9): 379-381. 1967 (obit.).
Verdoorn, F., ed., Chron. bot. 2: 197. 1935.
Wyatt, O.E.P., Lily Yearb. 1968: 9-10.

NOTE: Main works (outside our period): *A study of the genus Paeonia*, 1946 (viii, 156 p., *15 pl.* by L. Snelling), published late Dec 1946 (W.T. Stearn, in lit.); *Snowdrops and snowflakes* a study of the genus Galanthus and Leucojum, 1956 (vii, 128 p., *15 pl.*).

Stern, Kurt (1892-x), German (Silesian) botanist; studied law in Berlin and natural sciences in Breslau and München; Dr. phil. München 1914; student of K. v. Goebel. (*K. Stern*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 326; Biol.-Dokum. 17: 8951-8952; Moebius p. 254, 297, 325.

NOTE: Stern's later work was in plant physiology, e.g. *Elektrophysiologie der Pflanzen*, Berlin (Verlag von Julius Springer) 1924. Oct., vii, 220 p. (Monogr. Gesammtgeb. Physiol. Pfl. Tiere 4, 1924).

13.016. *Beiträge zur Kenntniss der Nepenthaceen.* Inaugural-Dissertation zur Erlangung der Doktorwürde der hohen philosophischen Fakultät (Sektion ii) der Königl. Bayer. Ludwig-Maximilians-Universität zu München ... Jena (Gustav Fischer) 1916. Oct. (*Beitr. Kenntn. Nepenth.*).
Publ.: 1916 (t.p. thesis), p. [i-iii], [1]-70, [71-72, vita]. *Copies*: B, M, NY. – Preprinted from Flora 109(4): 213-282. 18 Jan 1917.

Sternberg, Kaspar [Caspar] **Maria** (Graf) **von** (1761-1838), Bohemian botanist; studied theology privately and in Rome; Theologus absolutus 1782; prebendary, from 1788 canon at the court of the prince-bishop of Regensburg and, from 1791, also canon at the court at Freising 1791-1810; from 1810 head of the family estate at Radnice devoting himself to management, botany and to the promotion of the natural sciences in Bohemia; co-founder of the Bohemian Natural Museum, president of the museum 1822-1838; outstanding palaeobotanist. (*Sternb.*).

HERBARIUM and TYPES: PR (all botanical, geological and palaeobotanical collections); other material at K (Saxifraga). – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: AG 5(2): 436, 651, 6(1): 303, 12(2): 244; Andrews p. 84 (ed. 1), 335 (ed. 2); Backer p. 550; Barnhart 3: 326 (b. 6 Jan 1761, d. 20 Dec 1838); Biol.-Dokum. 17: 8953-8954; BM 5: 2017; Bossert p. 382; CSP 5: 824-826, 6: 758, 8: 1013; DSB 13: 43-44; DTS 1: 290-291; Frank 3 (Anh.): 100; Futak-Domin p. 564-565, 693; GF p. 77; GR p. 460; Hegi 2: 319, 4(2): 1050; Herder p. 479 [index]; Hortus 3: 1204; IH 1 (ed. 2): 100, (ed. 3): 126, (ed. 6): 364, 2: (files); Jackson p. 13, 143, 176; Kanitz p. 117; Klástersý p. 182-183 (further biogr. refs.); Lasègue p. 333; Maiwald p. 85-89, 283 [index]; Moebius p. 128, 376, 379; MW p. 472; NI 1896-1897; PH 567; Plesch p. 417; PR 1218, 5993, 8951-8959, 9026, 9632, ed. 1: 1359, 7702, 9911-9920, 9979; Quenstedt p. 414; Rehder 1: 78, 325, 376, 433, 5: 824; RS p. 143; Saccardo 1: 158, 2: 104; SBC p. 132; SO add. 821a; Sotheby 722; TL-1/1171, 1269-1270; TL-2/191, 826, 8293; WU 38: 252-266; Zander ed. 10, p. 721, ed. 11, p. 822-823.

BIOFILE: Andrews, H.W., The fossil hunters 14, 72-75. 1980.
Anon., Bot. Zeit. 5: 360. 1847 (herb., 7000 plants, made by Sternberg's gardener, Franz, for sale); Cat. gén. livr. impr. Bibl. natl. 178: 200-201. 1950; Flora 2(1): 121. 1819 (mss. submitted), 6(2): 573. 1823 (trip to Poland, Moravia, Silesia to study fossil wood), 7(2): 574. 1824 (trip through N. Germany), 8(1): 210. 1825 (first description of Polytrichum commune ca. 1416), 8(2): 573-574. 1825 (trip to Austria and Italy), 16(1): 14. 1833 (decoration), 22(1): 1. 1839 (obit. not.); Preslia 50(3): 198. 1978 (biogr. sketch); Portr.-Gall. Aerzte Naturf. *pl. 9.* 1839 (portr.); Proc. Geol. Soc. London 3: 72-74. 1842 (obit.).
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Kneidl, P. et al., eds., Čas. narodn. Muzea 1827-1957, rejstřík 300. 1963 (index to papers and notes in journal).
Koggerath, J., Ausflug nach Böhmen , Bonn 1837, p. 191-194.

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Palacky, F., Abh. k. böhm. Ges. Wiss. ser. 5. 2 (Gesch. v): 20-54. 1843 (on Kaspar and Franz Sternberg); see also rev. by G.P., Bot. Zeit. 2: 744-746. 1844); Leben des Grafen Kaspar Sternberg von ihm selbst beschrieben ... Prag 1868, viii, 242 p., frontisp., portr.).
Pongratz, L., Acta Albertina ratisbonensia 25: 71-74. 1963 (on Sternberg's activities while in Regensburg).
Prantl, F., Čas. narodn. Mus., přír., Praha 130: 2-6. 1961 (n.v., on S. and the National Museum).
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(2) *Asclepiadeae*, recensitae a Roberto Brown. Ex idiomate anglico transtulit ... [C.B. Presl]. Edidit Casparus Comes Sternberg, Praha 1819, see TL-2/826.

HANDWRITING: Hoppea 34(2): 419. 1976 (no. 10).

EPONYMY: *Sternbergia* Waldstein et Kitaibel (1804); *Sternbergia* Artis (1825).

13.017. *Botanische Wanderung in den Böhmer-Wald*, mit beigefügten Tabellen von Caspar Graf von Sternberg, ... Nürnberg (in der Monath- und Kusslerschen Buchhandlung) 1806. Oct. (*Bot. Wand. Böhm.-Wald*).
Publ.: 1806, p. [1]-14, 4 charts. *Copies*: B-S, BR, M.

13.018. *Reise durch Tyrol* in die Oesterreichischen Provinzen Italiens im Frühjahr 1804. Vom Caspar Grafen von Sternberg, ... Regensburg (Gedruckt bei Heinrich Friedrich August Augustin) 1806. Fol. min. (*Reise Tyrol*).
Publ.: 1806, frontisp., p. [i-xii], [1]-166, [167, err.], *3 pl.* (copp. J.A. Manz). *Copy*: G.

13.019. *Reise in die Rhetischen Alpen* vorzüglich in botanischer Hinsicht im Sommer 1804 von Caspar Graf von Sternberg, ... Eine Beilage zum botanischen Taschenbuche. Nürnberg (in der Monath- und Kusslerschen Buchhandlung) Oct. (*Reise Rhet. Alp.*).
Publ.: 1806, p. [1]-64. *Copies*: B-S, G(2), M, NY, USDA.

13.020. *Revisio Saxifragarum* iconibus illustrata. Auctore Casparo Comite de Sternberg, ... Ratisbonae [Regensburg] (typis Henrici Friderici Augusti Augustin) 1810. Fol. (*Revis. Saxifrag.*).
Publ.: Jan-Jul 1810 (Acad. Paris rd 13 Aug 1810, by Hoffmannsegg 6 Nov 1810), p. [i]-xiv, [xv-xvi], [1]-60, [61-62, index], *pl. 1a, 1b, 2, 3a, 3b, 3c, 4-8, 9a, 9b, 10, 10b, 11a, 11b, 12-25* (31 copp., 1-18 partly coll., by M. Gleich, Fr. Guimpel, Laferrerie, J.A. Manz).
Suppl. [*1*]: Jul-Aug 1822 (Acad. Paris rd 16 Jun 1823; Flora 14 Sep 1822), p. [i]-vi, [1]-16, *pl. 1-10* (id. J. Sturm, F.X. Fieber). – "... Supplementum ... Decas i. Ratisbonae 1822. Typis Viduae Christ. E. Brenck". Fol.
Suppl. 2: 1831 (p. vi: 2 Apr 1831; Regensburg rd by 14 Mar 1832), p. [i]-vi, [1]-104, *pl. 11-26* (id. J. Sturm). – "... Supplementum secundum ... Pragae in commissis apud J.G. Calve, ... 1831". Fol.
Copies: B-S, G, M, MO, NY, U, USDA; IDC 1095.
Ref.: Fuchs, H.P., Taxon 11: 129, 132. 1962.
Schmid, G., Chamisso als Naturforscher 99, 100. 1942.

13.021. *Abhandlung über die Pflanzenkunde in Böhmen* von Hrn. Grafen Kaspar Sternberg. Prag (gedruckt bei Gottlieb Haase, ...) 1817-1818. 2 Abth. Oct. (*Abh. Pflanzenk. Böhmen*).
Issue 1: 1817-1818. *Copy*: NY.
1: 1817, p. [1]-168.
2: 1818 (Flora rd 3 Sep 1818), p. [1]-128, [i]-xlvi [indexes], [xlvii-xlviii, err.].
Issue 2: 1818. *Copy*: B-S.
1: 1818, p. [1]-168. – "*Abhandlung* ... *Böhmen* ... In zwey Abtheilungen. Erste Abtheilung. Historisch-chronologische Entwickelung der Fortschritte der Pflanzenkunde in Böhmen. Aus den Abhandlungen der k. böhmischen Gesellschaft der Wissenschaften [vol. 6] besonders abgedruckt. Prag 1818. In Commision bei J.G. Calve".
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Ref.: Hornschuch, C.F., Flora 8(1): 210. 1825 (first mention of a bryophyte [*Polytrichum commune*] stated by Sternberg to be found in the Herbarius of Christianus von Prachatitz at Prague, ca. 1416].

13.022. *Versuch einer geognostisch-botanischen Darstellung der Flora der Vorwelt* ... Regensburg (gedruckt bei Christoph Ernst Brenck's Wittwe [imprint Heft 1-4; for imprints of subsequent parts see below], [1820-] 1825-1838. Fol. (*Vers. Fl. Vorwelt*).
Publ.: 8 Hefte plus "Tentamen", in 2 vols. *Copies*: BR, NY, Teyler, U, US; IDC 5010.
Preface material vol. [*1*]: 1825, frontisp. and p. i-ii.
Heft 1: 31 Dec 1820 (conventional date established in International Code of Botanical Nomenclature, Art. 13.1(i). – Schlotheim's Petrefactenkunde 1820 is regarded as published before that date; actual date of publ. Jun 1820), p. [1]-24, *pl. 1-13* (artists see NI 1897). The first page [1] is a t.p. for Heft 1: "*Versuch* ..." Leipzig und Prag (in Commission im Deutschen Museum. In Leipzig bei Fr. Fleischer) 1820.
Heft 2: Jan-Aug 1821 (cover p. 4 so dated; Flora rev. 7 Jun 1822), p. [1]-33, *pl. 14-26*. – Imprint, on p. 4 of cover, as on t.p., p. [1] of Heft 1.
Heft 3: Jan-Mai 1823 (cover p. 4 so dated; Flora 14 Jul 1823), p. [1]-39, [40], *pl. 27-39*. Imprint on p. 1 of cover Regensburg (... Ernst Brenck's Wittwe), on p. 4 of cover as on cover of Heft 1.
Heft 4: 1825 (? Sep; date on p. 4 of cover; Tentamen p. iv: 27 Apr 1825; Flora Dec 1825), p. [1]-48, *pl. 40-59, A-E*. – Imprints as in Heft 2.
Tentamen florae primordialis praemonenda: 1825 (1826 date on t.p. in NY copy; the Tentamen is bound with the fourth Heft (1825); the review in Flora, Dec 1825, mentions

the Tentamen as having been issued with Heft 4), p. [i*-ii*], [i]-xlii, [xliii-l, indexes]. – Leipzig und Prag (in Kommission im Deutschen Museum. In Leipzig bei Fr. Fleischer) 1826.

Title-page vol. [2]: 1838, p. [i], Prag (Druck und Papier von Gottlieb Haase Söhne) 1838.

Heft 5-6: 1833 (at session Bot. Ges. Regensb. 16 Oct 1833), p. [i-ii], [1]-79, [80], *pl. 1-26.* – Cover: Prag (gedruckt bei Johann Spurny).

Heft 7-8: 1 Sep-7 Oct 1838 (Flora 7 Jan 1839; Hinrichs 7-13 Oct 1838), p. [81]-220, *pl. 27(A)-68(A-B)*. – Cover: Prag (Druck und Papier von Gottlieb Haase Söhne) 1838. Most genera on p. 108-207 are attributed to K.B. Presl.

Skizzen zur vergleichenden Phytotomie vor- und jetztweltlicher Pflanzen-Stämme, von A.C.I. Corda, ... s.d. [1838], p. [i*], [i]-lxxxi [as"lxxi"], published Sep-Oct 1838, together with Heft 7-8.

French ed.: 1820-1826. 4 cahiers. Came out somewhat later than the German original. The first cahier, though dated 1820, must even so be considered as having been published after the German original, notwithstanding the circumstance that the latter has the conventional date 31 Dec 1820. – Translation by François Gabriel de Bray (1765-1832). *Copies*: BR, MO, NY, PH.

General t.p.: 1826, p. [i], *Essai d'un exposé géognostico-botanique de la flore du monde primitif* ... par le comte Gaspard Sternberg, ... traduit de l'Allemand par le comte de Bray, ... Ratisbonae [Regensburg] (imprimé chez la veuve de Christophe Ernest Brenck) 1826.

Cahier 1: 1820 (to be considered as published after 31 Dec 1820), p. [i-ii], [1]-26, *pl. 1-13.* – has a t.p. of its own. Leipsic et Prague (au Musée germanique ...) 1820.

Cahier 2: 1822, p. [i], [1]-37, *pl. 14-26.*

Cahier 3: 1824, p. [i], [1]-44, [45, err.], *pl. 27-39.*

Cahier 4: 1826, p. [i*], [i]-xli, [Tentamen], [1]-53, [54, err.], *pl. 40-59, A-E.*

Correction sheet German edition: the Teyler copy has a loose one page sheet "Berichtigung" stating that the text for plates 5-8 does not agee with the plates themselves. The text given for *pl. 5* refers to *pl. 6* (with changes), idem *6* for *7*; the text for *plate 7* refers to *pl. 8, the text given for pl. 8 refers to pl. 5* (with changes). This sheet was issued with Flora 17(1), 1834. The text of the French edition refers to the correct plates.

Notes in Flora on the publication of the *Vers. Fl. Vorwelt*: 3(1): 369. 28 Jun 1820 (first Heft published; this is now irrelevant because of the conventional date assigned by ICBN), 5(1): 321-329. 7 Jun 1822 (review Heft 2), 6(1): 48. 1823 (the fossils described in the Flora are in the Bohemian National Museum, Praha), Flora 8(2), Beil. 3: 33-34. Ante 14 Dec 1825 (rev. Heft 4, includes Tentamen, index iconum, and general t.p. for Heft 1-4); 10(1): 321-335. 7 Jun 1827 and 337-346. 14 Jun 1827 (rev.), 10(2): 671. 14 Nov 1827 (Essai rd by REG Oct-Nov. 1827), 16(2): 670-671. 14 Nov 1833 (rev. Heft 5-6), 22(1): 16. 7 Jan 1839 (Heft 7-8 publ.), 23(1): 94. 14 Feb 1840 (Heft 7-8 rd.).

Analytical description: G. Schmid, Goethe u.d. Naturw. 1900, nos. 407-408.

13.023. *Catalogus plantarum* ad septem varias editiones *commentariorum Mathioli* in Dioscoridem. Ad. Linnaeani systematis regulas elaboravit Comes Caspar ab Sternberg. Pragae (sumtibus F. Tempsky ...) 1821. Fol. (*Cat. pl. Comm. Mathiol.*).

Publ.: 1821 (Flora 7 Sep 1821), p. [i]-iv, [1]-30, [1, err.]. *Copies*: G, NY, PH; IDC 443.

13.024. *Bruchstücke aus dem Tagebuch einer naturhistorischen Reise* von Prag nach Istrien ... Regensburg (gedruckt bei Christoph Ernst Brenck's Wittwe) 1826. Oct. (*Bruchst. Tageb. Reise*).

Publ.: Apr-Mai 1826 (as Beil. Flora; Flora 7 Mar 1826: will appear as Beilage), p. [i], [1]-92, [93-94]. *Copy*: NY. – Reprinted from Flora 9(1), Beil. 1: 1-96. 1826.

13.025. *Anthericum comosum.* Eine neue Pflanzen-Species aufgestellt von Grafen Kaspar Sternberg s.l.n.d. [Prag (J.G. Calve'schen Buchhandlung) 1828]. Oct.

Publ.: 1828, p. [1-4], *1 pl.* (col. lith.). *Copies*: G, M. – Reprinted and to be cited from Monatschr.-Ges. vaterl. Mus. Böhmen 2: 336-339. *1 pl.* 1828.

Abbreviated version: Flora 11(2): 609-610. 21 Oct 1828.

Ref.: Schmid, G., Goethe u.d. Naturw. 95-96. 1940 (nos. 409-411).

13.026. *Ueber einige Eigenthümlichkeiten der böhmischen Flora* und die klimatische

Verbreitung der Pflanzen der Vorwelt und Jetztwelt ... Zweite Ausgabe ... Regensburg (Zum Drucke befördert von der königl. bayer. botan. Gesellschaft zu Regensburg) 1829. Oct. (*Eigenthümlichk. böhm. Fl.*).
Publ.: 1829, p. [i-ii], 1-25. *Copies*: B-S, M. – The "Zweite Ausgabe" refers to the original publication of this text in Abh. k.-böhm. Ges. Wiss. Neue Folge 1: 2-20. 1827.

Sterne, Carus [pseudonym for Ernst Ludwig Krause] (1839-1903), German self-taught natural scientist and popularizing author; strong proponent of the ideas of Charles Darwin and Ernst Häckel. (*Sterne*; *E.L. Krause*).

HERBARIUM and TYPES: Unknown.

NOTE: See also our entry under E.L. Krause in TL-2/2: 666.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 2: 319; BM 2: 1024; CSP 18: 950; Jackson p. 484; Kleppa p. 35, 72, 206, 209, 225; Langman p. 722; LS 25815; PR 4862; Rehder 5: 473.

BIOFILE: Anon., Brit. Mus. gen. cat. print. book 229: 778. 1964; Cat. gen. livr. impr. Bibl. natl. 83: 464-465. 1925 (sub E.L. Krause); Insektenbörse 20: 306. 1903 (obit. not.).
Hantzsch, V., *in* A. Bettelheim, ed., Biogr. Jahrb. deut. Nekrol. 8: 305-307.1905 (obit., mentions main works; listed under Krause; see also p. 64*).

COMPOSITE WORKS: Editor, with Otto Caspari, Gustav Jäger and in collaboration with Charles Darwin and E. Haeckel, of *Kosmos*, Zeitschrift für einheitliche Weltanschauung auf Grund der Entwicklungslehre ... herausgegeben von ... E. Krause, Leipzig 1877-1881, vols. 1-8; continued as *Kosmos* Zeitschrift für Entwickelungslehre und einheitliche Weltanschauung. Stuttgart 1881-1883, vols. 9-13.

13.027. *Die botanische Systematik* in ihrem Verhältniss zur Morphologie. Kritische Vergleichung der wichtigsten älteren Pflanzensysteme, nebst Vorschlägen zu einem natürlichen Pflanzensysteme nach morphologischen Grundsätzen, den Fachgelehrten zur Beurteilung vorgelegt von Ernst Krause. Weimar (Bernhard Friedrich Voigt) 1866. Oct. (*Bot. Syst.*).
Publ.: 1866, p. [i]-viii, [viibis]-viii[bis], 1-234 ["134"]. *Copies*: Crerar Libr.; Libr. Univ. Ill.

13.028. *Sommerblumen.* Eine Schilderung der heimischen Blumenwelt ... Prag (F. Tempsky). Leipzig (G. Freytag) [1883-] 1884. Oct. (*Sommerbl.*).
Publ.: Aug 1883-Mar 1884 (published in 15 Hefte), p. [i]-xvi, [1]-439, [440, err.], *pl. 1-40* (col. liths. by Jenny Schermaul). *Copies*: B-S, MO, NY, Wagenitz. – Published as no. 2 in the 3 volume series *Frühlings-*, *Sommer-*, *Herbst- und Winterblumen* of which no. 1 was by A. v. Enderes, *Frühlingsblumen*, 1883 (12 parts, vii, 142 p., *40 pl.*). For no. 3 see below.

13.029. *Herbst- und Winterblumen.* Eine Schilderung der heimischen Blumenwelt ... Prag (F. Tempsky), Leipzig (G. Freytag) [1884-] 1886. Oct. (*Herbst-Winterbl.*).
Publ.: Jun 1884-Sep 1886 (in 15 hefte), p. [i]-xvii, [1]-490, *70 pl.* incl. frontisp. (on *40*), col. liths. Jenny Schermaul). *Copies*: B-S, BR, HH, NY. – Vol. 3 in the series Frühlings-, Sommer-, Herbst-, und Winterblumen.

Sterneck, Jakob [Daublebsky] **von** (1864-1941), Bohemian botanist and entomologist; with R. v. Wettstein in Prague 1892-1895; district commissioner in Eger (Cheb), Trautenau, and, ultimately at Drahowitz nr Karlsbad. (*Sterneck*).

HERBARIUM and TYPES: PRC; other material at C, E, GB, MANCH, PACA, W. – Contributed to E. Bauer, *Bryotheca bohemica.* – Issued, with several collaborators. *Herbarium des Egerlandes*, 540 nos., 1905. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 326; BJI 2: 170; BM 5: 2017, 8: 1247; CSP 18: 950; DTS 1: 291, 6(4): 199-200; Futak-Domin p. 565; Hegi 6(1): 103; Klásterský p. 177 (b. 31 Dec 1864, d. 15 Jun 1941); Maiwald p. 241, 249.

BIOFILE: Anon., Arb. morph. taxon. Entom. Berlin-Dahlem 8(1): 77. 1941 (obit.); Österr. bot. Z. 55: 411. 1905 (Herbarium des Egerlandes).
Janchen, E., Richard Wettstein 190. 1933.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 702. 1985.
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Pax, F., Bibl. schles. Bot. 9: 138. 1929.
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Schiffner, V., Lotos 1907(9): 148 (bryol. coll.).

13.030. *Beitrag zur Kenntniss der Gattung Alectorolophus* All. ... Wien (Selbstverlag des Verfassers) 1895. Oct.
Publ.: Jan-Dec 1895 (in 11 parts in journal; however reprint available by 15 September fide Allg. bot. Z.), cover-t.p., p. [1]-64, *pl. 1-4* (=*4, 6, 7, 11*), 1 map. *Copies*: B,M. – Reprinted and to be cited before September from Österr. bot. Z. 45: 7-14. Jan, 45-50. Feb, 98-103. Mar, 126-131. Apr, 161-166. Mai, 225-231. Jun, 272-278. Jul, 295-303. Aug, 377-382. Oct, 415-422. Nov 1895, 469-474. Dec 1895. – The parts issued in Oct-Dec were preprinted.

13.031. *Revision des Alectorolophus-Materiales des Herbarium Delessert* ... Extrait de l'Annuaire du Conservatoire et du Jardin botaniques de Genève, 3me année, 1899.
Publ.: 1899, p. [17]-26. *Copy*: G. – Reprinted and to be cited from Annu. Cons. Jard. bot. Genève 3: [17]-26. 1899.

13.032. *Monographie der Gattung Alectorolophus* ... Wien (Alfred Hölder ...) 1901. Oct. (*Monogr. Alectorol.*).
Publ.: 31 Oct 1901 (date on t.p.; ÖbZ for Dec 1901; Nat. Nov. Jan(1) 1902), p. [i-ii], [1]-150, charts 1-4 (3 maps; phylog. tree). *Copies*: B, BR, G, HH, M, NY, US. – Issued as Abh. k.k. zool.-bot. Ges. Wien 1(2), 1901. – See also his *Revision des Alectorolophus-Materiales des Herbarium Delessert, in* Annu. Cons. Jard. bot. 3: 17-26. 1899.

13.033. *Die Culturversuche Heinricher's mit Alectorolophus* und deren Bedeutung für die Systematik der Gattung. [Separatabdruck aus der "Oesterreichischen botanischen Zeitschrift", Jahrg. 1903, Nr. 5]. Oct.
Publ.: Mai 1903 (in journal), p. [1]-15. *Copies*: B, G. – Reprinted and to be cited from Österr. bot. Z. 52: 205-219. Mai 1903. – Deals with E. Heinricher, *Kritisches zur Systematik der Gattung Alectorolophus*, Jahrb. Wiss. Bot. 38(4): 667-688. 1903.

Sterner, Ewald (1890-1940), Swedish botanist; studied at the University of Lund with B. Lidforss; assistant at the Botanical Institute ib. from 1912-1913; later at Eksjö; published on technology, inventors, etc. (*E. Sterner*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 326; BL 2: 531, 533, 720; BM 5: 2017; KR p. 669 (b. 4 Apr 1890).

13.034. *Jukkasjärviområdets flora.* (Torne Lappmark) ... [Arkiv för Botanik. Band 10. N:o 9. 1911]. Oct.
Publ.: 9 Mai-6 Jun 1911 (date of printing; issued in journal volume 6 Jun 1911), p. [1]-50. *Copies*: B, LD, U. – See also BL 2: 533.

13.035. *Pollenbiologische Studien im nördlichsten Skandinavien* ... [Arkiv för Botanik. Band 12. N:o 12. 1913]. Oct.
Publ.: shortly after 19 Mar 1913 (date of printing; distributed in journal 11 Aug 1913), p. [1]-25. *Copy*: U.

Sterner, [Karl] Rikard (1891-1956), Swedish botanist; Dr. phil. Uppsala 1923; teacher at various high schools from 1923, at Vänersborg from 1926, at Göteborg from 1930. (*Sterner*).

HERBARIUM and TYPES: GB; further material at A, E, PAD (musci, [?]). – Manuscripts and unpublished maps (till 1955) at S.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 326 (b. 12 Dec 1891, d. 15 Jun 1956); BJI 2: 171; BL 2: 536, 544, 720; BM 8: 1247; GR p. 501; KR p. 669-670; Tucker 3: 294.

BIOFILE: Anon., Vem år vem? 3 (Götaland): 896. 1948.
Fries, R.E., Short hist. bot. Sweden 72. 1950.
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NOTE: Outside our period: *Ölands flora*, p. [91]-235, *in* B. Palm et al., Öland I., Kalmar 1948. – See also below *Fl. Öland* (1938).

13.036. *The continental element in the flora of South Sweden* Inaugural-Dissertation ... By due permission of the Philosophical Faculty, Natural Science Section, of the University of Upsala to be publicly discussed at the Lecture Hall of the Botanical Institution on December 13th 1922, at 10 o'clock a.m., for the degree of doctor of philosophy. Centraltryckeriet Stockholm 1922. Oct. (*Cont. elem. fl. S. Sweden*).
Publ.: 1-13 Dec 1922, p. [i], [221]-444, *pl. 3-22*. *Copies*: BR, FH, MO, NY. – Preprinted from Geografiska Annaler 1922(3/4): 221-444, *pl. 3-22*.
Other issue: 1922, p. [i], [221]-444, *pl. 3-22*. *Copies*: G, HH, LD, Peterson. – "The continental ... Sweden by Rikard Sterner. Reprinted from Geografiska Annaler 1922, 3-4".

13.037. Södra Kalmar Län iii. *Ölands växtvärld* ... Kalmar (Hjalmar Appeltoffts Bokhandel ...) [1926]. Oct. (*Ölands växtv.*).
Publ.: 1926 (p. vi: Aug 1926), p. [i]-xi, [1]-237. *Copy*: LD (inf. O. Almborn).

13.037a. *Vegetation och flora i Kalmarsunds skärgård* ... Göteborg (Elanders Boktryckerei Aktiebolag) 1933. Oct.
Publ.: 8 Sep 1933 (p. 280), p. [189]-280, 1 folded map. *Copy*: Peterson. – Reprinted and to be cited from Medd. Göteb. Bot. Trädg. 8: 189-280, map.

13.038. *Flora der Insel Öland* die Areale der Gefässpflanzen Ölands nebst Bemerkungen zu ihrer Oekologie und Soziologie ... Uppsala (Almqvist & Wiksells Boktryckeriet.-A.-B.) 1938. Oct. (*Fl. Öland*).
Publ.: 1938 (BR rd 28 Mai 1938; Nat. Nov. Sep 1938), p. [1]-169, [170], *64 pl.* of maps. *Copies*: B, BR, FAS, G, HH, M, NY. – Issued as Acta phytogeographica suecica ix. 1938. – See BL 2: 536 for further details. – Supplement: Å. Lundqvist, Sv. bot. Tidskr. 64: [65]-131. 1970 ("Supplement ..."), 73: [281]-325. 1979 ("Weitere Nachträge ...").

13.038a. *Centaurium vulgare* Rafn, Centaurium Erythraea Rafn or Erythraea littoralis (Turner) Fries? An intricate case of nomenclature ... Lund (C.W.K. Gleerup, Förlag) 1939. Oct.
Publ.: 20 Oct 1939, cover-t.p., p. [718]-728. *Copy*: Peterson. – Reprinted and to be cited from Bot. Not. 1939: 718-728. Festschrift Svante Murbeck.

13.038b. *Polymorfin inom Centaurium vulgare-gruppen.* (The polymorphy within the Centaurium vulgare group. A taxonomic-phytogeographical study with special reference to the Scandinavian forms - English summary) ... Göteborg (Elanders Boktryckeri Aktiebolag) 1940. Oct.
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Sterzel, [Johann] Traugott (1841-1914), German (Saxonian) palaeobotanist; Dr. phil. Rostock 1875; high school teacher and director of the municipal history collections in Chemnitz 1869-1914. (*Sterzel*).

HERBARIUM and TYPES: In the former Städtische naturw. Samml., Dresden (destr.).

BIBLIOGRAPHY and BIOGRAPHY: Andrews p. 335; Barnhart 3: 326 (b. 4 Apr 1841, d. 15 Mai 1914); BJI 1: 56, 2: 171; BM 5: 2017-2018; CSP 11: 493, 12: 703, 18: 950-951; Frank 3 (Anh.): 100; Herder p. 434; Jackson p. 185; Morren ed. 10, p. 22; Quenstedt p. 414.

BIOFILE: Anon., Ber. Naturw. Ges. Chemnitz 19: 7-11. 1916 (obit., portr., bibl.); Deut. biogr. Jahrb. 1: 313. 1915 (b. 4 Apr 1841, d. 20 Mai 1914); Who's who in science int. 1913-1914.
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EPONYMY: *Sterzelia* W. Gothan (1928).

13.039. *Die fossilen Pflanzen des Rothliegenden* von Chemnitz in der Geschichte der Paläontologie ... Chemnitz (Verlag der Carl Brunner'schen Buchhandlung (M. Bülz)) 1875. Oct.
Publ.: 1875, p. [i], [71]-250. *Copy*: USGS. – Reprinted and to be cited from Ber. naturw. Ges. Chemnitz 5: [71]-250. 1875.

13.040. *Paläontologischer Charakter der oberen Steinkohlenformation* und des Rotliegenden im erzgebirgischen Becken-Ergänzungen zu dem paläontologischen Teile der "Erläuterungen zu Sektion Stollberg-Lugau der geologischen Spezialkarte von Sachsen." [Ber. naturw. Ges. Chemnitz, 1881]. Oct.
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Publ.: 1884, p. [i], [181]-224, *1 pl. Copies*: BR, USGS. – Reprinted and to be cited from Ber. naturw. Ges. Chemnitz 9 (Festschrift) 181-224. *1 pl.* 1884. – See also author's abstract in Bot. Centralbl. 21: 138-140. 26-30 Jan 1885 and "*Zur Culmflora von Chemnitz-Hainichen.* Entgegnung", Bot. Centralbl. 21: 249-250, 278-280, 314-315, 345-347. 1885.

13.042. *Die Flora des Rothliegenden im nordwestlichen Sachsen* ... Berlin (Druck und Verlag von Georg Reimer) 1886. Qu. (*Fl. Rothlieg. Sachsen*).
Publ.: 1886, p. [1]-73, *pl. 1-9* (uncol. lith. auct.) with each 1 p. text. *Copis*: NY, PH, USGS. – Also issued as Palaeont. Abh. 3(4): [237]-307, *pl. 21-29.*

13.043. *Die Flora des Rothliegenden im Plauischen Grunde* bei Dresden ... Leipzig (bei S. Hirzel) 1893. Oct. (*Fl. Rothlieg. Plaui. Gr.*).
Publ.: shortly after 30 Mar 1893 ("Abdruck vollendet"; Bot. Zeit. 16 Mai 1893), cover-t.p., p. [i-xii], [1]-172, *pl. 1-13. Copies*: BR, USGS. – Issued as Abh. math.-phys. Cl. K. Sächs. Ges. Wiss. 19, 1893.

13.044. *Die Flora des Rotliegenden von Oppenau* im badischen Schwarzwalde (Blatt Petersthal-Reichenbach) ... [Heidelberg (Carl Winter's Universitätsbuchhandlung) 1895]. Oct.
Illustrations: C. Otto Weber (1827-1867).
Publ.: 1895, cover.t.p., p. 261-352, *pl. 8-11* (uncol. liths.). *Copy*: USGS. – Reprinted and to be cited from Mitt. Grosh. bad. Geol. Landesanst. 3(2): 261-352, *pl. 8-11.* 1895.

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Publ.: 1898, p.[i], [1]-22, chart. *Copy*: USGS. – Reprinted from Festschr. Chemn. Bezirksver. deut. Ingen. 1898 (Festschr. n.v.).

13.047. *Die Flora des Rothliegenden von Ilfeld* am Harz ... Stuttgart (E. Schweizerbart'sche Verlagshandlung (E. Nägele)) 1901. Oct.
Publ.: 1901 (rd by L.E. Ward, U.S.A., 2 Aug 1901), cover-t.p., p. [417]-427. *Copies*: NY, USGS. – Reprinted and to be cited from Centralbl. Mineral. Geol. Palaeont. 1901: [417]-427.

13.048. *Die Karbon- und Rotliegendfloren* im Grossherzogtum Baden ... Mittlgn. d. Bad. geol. Landesanst. v. 1907. Oct.
Publ.: 1907 (p. 354: Dec 1906), p. [i], 347-892, [iii]-xx, *pl. 14-68. Copies*: G, USGS. – Reprinted and to be cited from Mitt. Bad. geol. Landesanst. 5: 347-892, *pl. 14-16.* 1907.

13.049. *Die organischen Reste des Kulms* und Rotliegenden der Gegend um Chemnitz ... Leipzig (bei B.G. Teubner) 1918. Oct.
Publ.: 1918 (last sheet printed 19 Dec 1917), p. [i]-vi, [1]-113, *pl. 1-10* (uncol. liths.). *Copy*: USGS. – Reprinted and to be cited from Abh. math.-phys. Kl. k. Sächs. Ges. Wiss. 35(5): [205]-315, *pl. 1-10.* 1918.

Sterzing, J. (*fl.* 1860), German mycologist and high school teacher at Sondershausen. (*Sterzing*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: BM 5: 2018; LS 25816; PR 8961.

13.050. Zu den öffentlichen Prüfungen der Fürstl. Realschule, der höheren Mädchen- und der Bürgerschule, welche den 22., 23., 24. und den 28. März 1860 statt finden werden ladet ehrerbietigst ein der Director ... 1) *Systematisches Verzeichniss der um Sondershausen vorkommenden vollkommneren Pilze* ... Sondershausen (Gedruckt in der F.A. Eupel'schen Hofbuchdruckerei) 1860. Qu. (*Syst. verz. Sondershausen Pilze*).
Publ.: shortly before 22 Mar 1860, p. [1]-39 (Syst. Verz.)., followed by Schulnachrichten on p. 40-60. *Copies*: B-S, NY.

Steudel, Ernst Gottlieb [von] (1783-1856), German (Württemberg) botanist and physician; studied medicine at Tübingen University; Dr. med. ib. 1805; from 1806 practicing physician at Esslingen, from 1826 as Königlich Würtembergischer Ober-Amts-Physikus; founder, with C.F. Hochstetter, of the "Botanischer Reiseverein", Esslingen 1825. (*Steud.*).

HERBARIUM and TYPES: After Steudel's death, on 12 Mai 1856, his friend and executor, C.G. Nees von Esenbeck, offered his herbarium (20.000 species) for sale. It was acquired by the Comte de Franqueville, whose collections were later bought by Drake del Castillo. The latter left his herbarium to P and PC where it is now part of the herbier général. An early herbarium was acquired by Fielding in 1835 (OXF). Steudel's types may also be in other herbaria consulted by him (e.g. CN, K, L, PH, STR). Steudel collected only few plants himself; the majority of the plants in his herbarium were collected by others. The material distributed by the "Botanischer Reiseverein" was also collected by others (see Baur 1870). Steudel sometimes identified specimens for series of exsiccatae distributed by R.F. Hohenacker; these exsiccatae, however, were independent

of those distributed by the Reiseverein which had by that time ceased to be active. – *Letters* to C.H. Mertens at HU, to D.F.L.von Schlechtendal at HAL; further letters at G.

BIBLIOGRAPHY and BIOGRAPHY: ADB 36: 151-152; AG 2(1): 726; Backer p. 550; Barnhart 3: 326 (b. 30 Mai 1783, d. 12 Mai 1856); Biol.-Dokum. 17: 8958-8959; BM 5: 2018, 8: 1247; Clokie p. 249; CSP 5: 826; DTS 1: 292; Frank 3 (Anh.): 100; Futak-Domin p. 565; GR p. 49, cat. p. 72; Hawksworth p. 186; Herder p. 89, 142, 189, 277; Hortus 3: 1204; IF p. 732; IH 1 (ed. 2): 92, (ed. 3): 117, (ed. 6): 364, (ed.7): 343, 2: (files); Jackson p. 15, 121, 293; Kelly p. 218; Langman p. 722; Lasègue p. 584 [index]; Lenley p. 470; LS 25819-25820; MD p. 227-229; MW p. 472; PH 438; PR 4663, 8962-9866, ed. 1: 5202, 9922-9925; Rehder 5: 824; RS p. 143; SK 4: ciii, ccxiii, ccxiv (Stearn); SO 35, 36, 823; TL-1/1271-1272; TL-2/451, 899, 1620, 2742, 3176, 4332, 7820, see indexes; Tucker 1: 668, 3: 295; Zander ed. 10, p. 721, ed. 11, p. 823.

BIOFILE: Anon., Bonplandia 3: 35 (cogn. Leopoldina Petiver), 246, 249. (on the 50th anniversary of S.'s doctorate) 1855, 4: 282. 1856 (de Franqueville acquired S.'s herbarium); Bot. Not. 1858: 14 (d.); Bot. Zeit. 13: 488. 1855 (jubilee), 14: 408. 1856 (d.); Flora 38: 528 (decoration), 700 (50 yrs. Dr. phil.) 1855, 39: 288. 1856 (d.); Österr. bot. W. 6: 230 (d.), 304 (herb. bought by de Franqueville) 1856.

Baur, K., Jahrb. Gesch. oberdeut. Reichsstädte 16: 228-266. 1970 (on Bot. Reiseverein).

Candolle, Alph. de, Phytographie 452. 1880 (coll.).

Dietrich, A., Isis, von Oken 15(9): 965-967. 1824 (critical notes on Nomenclator), 16: 124-128. 1825 (reply by St.).

Dolezal, H., Friedrich Welwitsch, Lisboa 1974, p. 37-38, 41, 44, 134-135 (W. collected for the Reiseverein).

Fröhlich, Hochstetter & Steudel, Flora 8(2) Beil. 1: 4-9. 1825 (announcement of a *Florae Germaniae Helvetiaeque Compendium*, to be compiled by them; collaborators required. [At the same time was published Bluff & Fingerhuth's *Comp. fl. Germ.* (*1*), which made this undertaking superfluous. The plans were abandoned]).

Habacher, M., Jahrb. Gesch. oberdeut. Reichsstädte 16: 205, 206. 1970 (on his association with Steudel; on the sale of Steudels original herbarium to "a rich Englishman" (i.e. Fielding) for £ 200.-; starts anew).

Hohenacker, R.F., *in* W.J. Hooker, London J. Bot. 2: 165-166. 1843 (has settled in Esslingen, will sell his collections (and those of others) with advice of Hochstetter and Steudel).

Huxley, L., Life letters J.D. Hooker 1: 382, 467, 468, 2: 237, 299, 417. 1918.

Lowden, R.M., Taxon, Index pers. names vols. 1-30. 702. 1985.

Metzger, E., ed., Jahresber. Württemb. Ver. Handelsgeogr. 7-8: 164-165. 1890.

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Sayre, G., Bryologist 80: 518. 1977 (types).

Schlechtendal, D.F.L. von, Bot. Zeit. 14: 527-528 (on Steudel's herbarium; still for sale), 600 (acquired by Franqueville) 1856.

Steudel, E.G., Flora 33: 225-232. 1850 (on a planned Synopsis plantarum).

COMPOSITE WORKS: Steudel contributed to J.G.C. Lehmann, *Pl. Preiss.* 1844-1848, see TL-2/4332.

HANDWRITING: Clokie p. 280.

DER BOTANISCHE REISEVEREIN ESSLINGEN: Steudel and Christian Ferdinand Hochstetter, both at Esslingen, founded this society (in Latin texts "Unio itineraria") in December 1825 (it was active until 1842). The full story of this undertaking is told in great detail by Karl Baur, Jahrb. Gesch. oberdeut. Reichsstädte 16: 228-266. 1970. – The travellers and collectors are listed by Baur (p. 244-263). Notes on the activities and collections appeared especially in *Flora*:

1825: Beil. 2: 96.
1826: 81, 110, 273, 685.
1827: 65, 81, 763, Beil. 7-9, 17-22.
1828: 718-720, Beil. 3-7.
1829: 113-117, 634-637, Beil. 18-20.

1830: 754-759.
1831(1): Int. Bl. 5: 33-36, (2): Int. Bl. 3: 1-5.
1832(1): Int. Bl. 2: 19-26, (2): Int. Bl. 1: 1-8.
1834(2): Int. Bl. 1: 1-10.
1835(2): Int. Bl. 1: 1-5, 2: 1721.
1836(1): 81-83, 188-192, Int. Bl. 2: 17-21.
1838(1): Int. Bl. 1: 1-10, 2: 17-27, (2): Int. Bl. 1: 1-5.
1839(2): Int. Bl. 1: 1-7.
1841(1): Int. Bl. 2: 17-32.
1842(1): Int. Bl. 1: 23-27.
The first memorandum calling for subscriptions (membership), dated 14 Dec 1825, appeared in the Corr.-Bl. Württ. landw. Ver. 8: 314. 1825, followed by a pamphlet with latin text "Rei herbariae amicis omnibusque naturae curiosis salutem!", 3 p., dated 9 Apr 1826 (copy: G).
The *Reiseverein* ceased to be active soon after the collector Rudolf Friedrich Hohenacker settled at Esslingen in 1842 and started a firm selling exsiccatae. Hohenacker sold, in commission, left-over series of the Verein, but his "Anstalt" should not be confused with the "Verein".

EPONYMY: *Steudelago* O. Kuntze (1891); *Steudelella* Honda (1930); *Steudelia* K.P.J. Sprengel (1822); *Steudelia* K.B. Presl (1829).

13.051. Dissertatio inauguralis sistens *observationes quasdam chemicas de acredine nonnullorum vegetabilium.* Quam praeside Carolo Friderica Kielmeyer ... pro gradu doctoris medicinae publice defendet die xxiv. septembris mdcccv auctor Ernst Gottlieb Steudel, ... Tubingae [Tübingen] (Litteris Reis- et Schmidianis) [1805]. Oct. (*Observ. chem. acred. veg.*).
Publ.: 24 Sep 1805, p. [1]-36, [37-38], note by C.F. Kielmeyer, promotor, but not author of this dissertation, see also TL-2/2: 537-538. *Copy*: G.

13.052. *Ist eine Verbindung der Botaniker zu einer gemeinschaftlichen Bearbeitung eines Systema vegetabilium nöthig und möglich?* Von Herrn Doctor Steudel ... Regensburg 1820. Qu. (*Verbind. Bearb. Syst. veg.*).
Publ.: Jul 1820 (p. 22 of reprint dated Jun 1819; published as preprint fide Flora 3: 396. 7 Jul 1820), p. [1]-22. *Copy*: NY. – Preprinted from Denkschr. k. bot. Ges. Regensburg 2: 1-20. 1820. – See also Isis, von Oken, 1823: col. 1230-1240.

13.053. *Nomenclator botanicus* enumerans ordine alphabetico nomina atque synonyma tum generica tum specifica et a Linnaeo et recentioribus de re botanica scriptoribus plantis phanerogamis imposita. Auctore Ernesto Steudel, med. dr. Stuttgardtiae et Tubingae (sumtibus I.G. Cottae) 1821-1824, 2 vols. Oct. (*Nomencl. bot.*).
Ed. [*1*]: 1821-1824, 2 parts. *Copies*: B, BR, G, MICH, MO, NY, PH, Stevenson, U, US(2), USDA.
1: Apr-Jun 1821 (p. ix: Nov 1820; Beck 15 Jul 1821; Flora 28 Jun 1821), p. [i]-xvii, chart, [1]-458, [i* h.t. L-Z], [459]-900, [1-3, err.], chart genera. The h.t. for L-Z was originally published in conjunction with p. [i], the 1821 t.p.
2: Sep-Oct 1824 (p. iv: Sep 1824; Flora 28 Oct 1824), p. [i]-xviii, [1]-450. – "*Nomenclator* ... plantis cryptogamis imposita ..."
Note: see MD p. 228-229 for a detailed treatment and analytical collation. The names are listed without references to the original publication; taxonomic re-assessments are given without motivation. The *Cryptogamae* were treated only in this first edition. A half-title "Nomenclator botanicus sectio ii. L-Z" was issued in conjunction with the t.p. It is still present in this state in the copies at G and HU. In other cases it is inserted between p. 464 and 465. In its original position it precedes the pages numbered [i]-xvii. – The chart may also be bound between p. 900 and the errata. – Number of genera listed: 3376, of species: 39.684.
Reviews: Anon., Flora 4(2): 749-754. 28 Dec 1821; see MD p. 228.
Ed. 2: 1840-1841, 2 vols. (in 10 parts, see table below). *Copies*: B, BR, G, MICH, MO, NY, U, US, USDA; IDC 424. – General t.p.: "*Nomenclator botanicus* seu: synonymia plantarum universalis, enumerans ordine alphabetico nomina atque synonyma tum

generica tum specifica et a Linnaeo et a recentioribus de re botanica scriptoribus plantis phanerogamis imposita ... editio secunda et novo elaborata et aucta". Stuttgardiae et Tubingae (Typis et sumptibus J.G. Cottae) 1841. – The cryptogams were not included in this edition.
1 (Lit. A-K): Aug-Dec 1840, p. [i-iii], [1]-852.
2 (Lit. L-Z): Dec 1840-Aug 1841, p. [i-iii], [v, general t.p. for entire volume], [1]-810.

vol.	section	pages	dates	Hinrichs (dates of receipt. Leipzig)
1	1-2	1-256	early Aug 1840	2-8 Aug 1840
	3	257-384	late Aug 1840	30 Aug-5 Sep 1840
	4	385-512	late Sep 1840	27 Sep-3 Oct 1840
	5-6	513-768	Nov 1840	22-28 Nov 1840
	7	769-852	Dec 1840	26 Dec 1840-2 Jan 1841
2	8	1-48	Dec 1840	21-27 Feb 1841
	9	49-176	Mar 1841	11-17 Apr 1841
	10	177-432	Apr 1841	11-17 Apr 1841
	11	433-560	Jun 1841	
	12-13	561-810	Aug 1841	22-28 Aug 1841

Note: Lists 6722 genera and 78.005 species. – See ICBN 33.1 for Steudel's way of validly publishing new combinations.
Facsimile ed.: 1980, New Delhi (Today & Tomorrow's) (n.v.).
Ref.: Kuntze, O., Rev. gen. pl. 3(2): 162. 1898.
Stearn, W.T., Candollea 8: 4. 1939, 15: 63-68. 1955 (Buek and Steudel's conflicting names for Compositae described in A.P. de Candolle, Prodr.).

13.054. *Enumeratio plantarum Germaniae* Helvetiaeque indigenarum, seu prodromus synopsin plantarum Germaniae Helvetiaeque edituri botanophilisque adjuvandam commendantes ... Stuttgardtiae et Tubingiae (sumtibus J.C. Cottae) 1826. Oct. (*Enum. pl. Germ.*).
Co-author: Christian Ferdinand Hochstetter (1787-1860), see TL-2/2: 220-223.
Publ.: Aug-Nov 1826 (p. viii: Jul 1826; Flora 7 Dec 1826; Linnaea Jan 1827), p. [i]-viii, [1]-352. *Copies*: B, G, HH, NY(2), PH, USDA. – For an analytical collation and further notes see MD p. 229.
Ref.: Zuccarini, J.G., Flora 11(1): 97-109, 123-128. 1828. (additional to review, by D.H. Hoppe, in 10: 497-511, 524-528, 561-573, 647-656. 1827).

13.055. *Ueber ein neues Pflanzengenus.* Vorgetragen in der Versammlung des ärztlichen Vereins zu Esslingen, am 26. Sept. 1836. Von Dr. Steudel ... Besonders abgedruckt aus dem medicin. Correspondenzblatt [1836]. Oct.
Publ.: 1836, p. [1]-14, *2 pl.* (uncol.). *Copies*: HH, NY. – Reprinted from Medicinisches Correspondenzblatt. 1836: 394-398, *2 pl.* Oct-Dec 1836. Contains *Frankia Schimperi* Steud.

13.056. *Synopsis plantarum glumacearum* ... Stuttgartiae (J.B. Metzler) [1853-] 1855, 2 vols. Qu. (*Syn. pl. glumac.*).
Publ.: in two volumes, 10 fascicles 1853-1855, see below. *Copies*:B, BR, G, HH, M, MO, NY, PH, U, US, USDA; IDC 2303.
1 (*Gramineae*): Dec 1853-Nov 1854, p. [ii]-vii, [1]-474, [475, err.].– *Alt. t.p.*: *Synopsis plantarum graminearum.*
2 (*Cyperaceae* et familiae affines, Restiaceae, Eriocaulonaceae, Xyrideae, Desvauxieae, Junceae): Nov 1854-Sep 1855, p. [ii-iii], [1]-348. – *Alt. t.p.*: *Synopsis plantarum cyperacearum* et affinium Restiacearum, Eriocaulonearum, Xyridearum, Desvauxiearum, Juncearum".
Ref.: Fürnrohr, A.E., Flora 37(1): 125-128. 1854 (rev. fasc. 1-2), 37(2): 702-704. 1854 (fasc. 3-5), 38(1): 253-254. 1855 (fasc. 6), 38(2): 604-605. 1855 (7-10).
Hochstetter, C.F., Flora 40: 321-335. 7 Jun 1857 (additions and corrections).
K-n, Flora 38(1): 252-253. 28 Apr 1855 (rev. vol. 1, 301 genera, 5435 species).

vol.	fasc.	pages	dates of receipt by Hinrichs*
1	1	1-80	10-12 Dec 1853
	2	81-160	2-3 Mar 1854
	3	161-340	12-13 Apr 1854
	4-5	341-400	20-21 Jul 1854
	6	401-475	28-29 Nov 1854
2	7	1-80	28-29 Nov 1854
	8-9	81-240	10-11 Apr 1855
	10	241-348	11-12 Sep 1855

*Actual dates of publication at Stuttgart presumably a few days earlier; fasc. 2 was reviewed by Flora on 28 Feb 1854.

Rendle, A.B., J. Bot. 37: 33-34. 1899 (dates).
Schlechtendal, D.F.L. von, Bot. Zeit. 12: 63-66. 1854 (rev. fasc. 1).
Steudel, E.G., Flora 33: 225-232. 1850 (report on progress).

Steuer, Adolphe [Adolf] (1871-?), Bohemian-born Austrian, marine biologist, later professor of zoology at the University of Innsbrück. (*Steuer*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 317 (b. 15 Oct 1871); Biol.-Dokum. 17: 8964-8966; BM 5: 2018, 8: 1247-1248; CSP 18: 952.

BIOFILE: Schmid, B. & C. Thesing, Biologen-Kalender 1: 320. 1914.

13.057. *Leitfaden der Planktonkunde* ... Leipzig und Berlin (Druck und Verlag von B.G. Teubner) 1911. Oct. (*Leitf. Planktonk.*).
Publ.: 1911 (p. [iii]: summer 1910; Bot. Centralbl. 4 Jul 1911), p. [i-iv], col. pl., 1-382. *Copies*: DBN, MO, US. – Almost exclusively zoological. – See also his *Planktonkunde*, 1910.

Steven, Christian von (1781-1863), Finnish botanist; studied at Turku, St. Petersburg 1795-1797, Jena 1797-1798; Dr. med. St. Petersburg 1798; inspector of silk production in the Caucasus with headquarters in Kislar 1800-1805; in Finland 1805-1806; assistant inspector for Southern Russia with Marschall von Bieberstein 1806-1826, at Simferopol (living there until his death), travelling extensively in Southern Russia; established the Nikita Botanical Garden in the Crimea 1812; travelled in Central Europe 1820-1821; retired from the directorship of the Botanical Garden in 1827; general inspector of the silk industry for the whole of Russia 1826-1841; general inspector for S. Russian agriculture 1841-1850. (*Steven*).

HERBARIUM and TYPES: H (see I. Kukkonen and K. Viljamaa 1971); other material in BR, CGE, E, FI, G, GOET, K, KIEL, LE, LZ (destr.), M, MW, OXF, TBI, UPS (Thunberg herb.), W, WAG. – A mss. catalogue of the herbarium, 1852, is at H. – *Letters* at G.

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BIOFILE: Anon., Bibliogr. Index of works of the State Nikita Botanical Garden from 1812 to 1960. Jalta 1962, 164 p. (n.v.); Lotos 13: 112. 1863 (d.); Österr. bot. Z. 11: 264. 1861 (has donated herb. and bot. libr. to Univ. Helsinki), 13: 262. 1863 (d.).

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Candolle, A.P. de, Mém. souvenirs 410. 1862.
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Dawson, W.R., Smith papers 89. 1934 (letters to J.E. Smith at LINN).
Dwulff, E.V., Arkh. Ist. Nauk. Tekh. 3: 139-149. 1934 (on letters to Steven).
Hiitonen, I., Luonnon Tutkija 54: 15-19. 1950; Mem. Soc. Fauna Fl. fenn. 40: 178-187. 1964 (biogr., portr.).
K., Gartenflora 12: 270-271. 1863 (obit.).
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Radde, G., Grundz. Pfl.-Verbr. Kaukasusländer 20. 1899.
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Wulff, E., Bull. Soc. nat. Amis nat. Crimée 3: 1-8. 1913 (commemoration; n.v.); Zap. Krymsk. O-va estestvoispyt. ljubit. prir. 3: 53-60. 1913; Vestn. russk. flory 3(1): 55-77. 1917.

HANDWRITING: Webbia 32: 37. 1977; Candollea 33: 407-408. 1978; see also Kukkonen & Viljamaa 1971.

MAIN BIBLIOGRAPHY: see Kukkonen & Viljamaa 1971, p. 8-12 (includes also contributions by Steven to composite works).

EPONYMY: *Stevenia* Adams ex F. Fischer (1817); *Steveniella* Schlechter (1918); *Stevenorchis* Wankow et Kränzlin (1931).

NOTE: (1) The entry on Steven is partly based on data and texts supplied by P. Isoviita. (2) The bibliographic treatment and dating of Steven's papers poses various complicated problems; see e.g. the notes under *Stirpes* and *Observ. pl. ross.* below. Many of his early papers were published in Mém. Soc. Imp. Natural. Moscou 2-9 (1809-1834), and extracts or reprints, usually without identification and printed date, exist at H. In the absence of further copies and other evidence it is difficult to decide whether they represent normal separates or rather preprints, as in the case of *Observ. pl. ross.* (2). Also, it is not impossible that parts of the journal volumes involved were, at least locally, distri-

buted before the completion of the volumes (a practice which holds for Bull. Soc. Imp. Natural. Moscou, the publication channel of Steven's taxonomic papers in 1832-1857). Part of the information given below is based on assumptions rather than facts, but it may still be of some value if supporting evidence can be found elsewhere [P.I.].

13.058. *Decas plantarum*, nondum descriptarum Iberiae et Rossiae meridionalis ... [Mém. Soc. Imp. natural. Moscou 2, 1809]. Qu.
Publ.: 1809, p. [173]-183, *pl. 11.* – Tearsheet copy at H from Mém. Soc. natural. Moscou 2: [173]-183, *pl. 11.* 1809. – Publication in completed journal volume after Nov 1809 (see p. xlviii). – We have seen no copy of the second edition (1830) of this volume, mentioned by BPH p. 584. – "Iberia" stands for Caucasus.

13.059. *Catalogue des plantes rares* ou nouvelles, observées pendant un voyage autour du Caucase oriental. Qu.
Note: contains *Stirpes rariores in itinere Caucasico* A. 1810 lectae, p. 250-270 (for its Continuatio see below).
Publ.: Mém. Soc. Imp. natural. Moscou 3: 244-270. 1812. A reprint, p. [1]-52, exists at M; this includes on p. 29-52 the text of the Stirpes, Cont. 1813, q.v. – This reprint is undated and has no imprint. – BPH p. 584 mentions an ed. 2 (1830) of this journal volume, but Saelan does not cite Steven's paper from it.

13.060. *Stirpes rariores in itinere Caucasico* A. 1810 lectae a C. Steven. (Continuatio a T. III. p. 270). [Mém. Soc. Imp. natural. Moscou 4. 1813]. Qu.
Publ.: 1813 (t.p. journal volume), p. [29]-52 (cf. the preceding entry). *Copy*: H (abundantly corrected and annotated by Steven). – Reprinted and to be cited from Mém. Soc. Imp. natural. Moscou 4: 49-72. 1813. – The text in the journal shows the same errors and omissions as in the reprint corrected by Steven.
Re-publ.: Saelan p. 477, no. 4, mentions an "ed. sec. ibid. 1830, s. 89-112" (cf. BPH p. 584).
Notes: (*1*) There are many difficulties in dating the papers published in the Mémoires of 1812 and 1813; in part they are associated with the circumstances resulting from the occupation by the Napoleonic army of Moscow, and the great fire of the town in Sep 1812. According to Fischer (Mém. Soc. Imp. Natural. Moscou 5: iii. 1817), the first four volumes of the Mémoires were destroyed by fire in 1812. It is not known whether copies of, and/or reprints from vol. 3, perhaps even of some parts of vol. 4 , were distributed before Oct 1812, but this possibility of prepublication cannot be excluded either. In the journal kept at H-UB the text of vol. 3 and p. 1-120 of vol. 4 have been printed on bluish, fairly soft paper not used in the serial elsewhere or in the Steven reprints seen by us. This might indicate new printing (in 1813?) to replace the original stock of vols. 3 and 4 destroyed by fire. However, only a very limited number of copies of such an assumed re-issue can have been produced; a new edition of all four volumes was published in 1830 (e.g. BPH p. 584), evidently with changes in contents and pagination. On the other hand, the possibility remains that the copy at H of the *Stirpes* is merely a proof kept by Steven for himself; if this is true, it could be supposed that the proof returned to the publisher was lost in the fire and, therefore, the numerous misprints were not corrected.
(2) Many new species first described in the *Stirpes* (1812, 1813) were provided with a reference "*Mem. de la Soc. de Gorenki* (*ined.*) *cum icone*". Probably because of the difficult situation following the fire of Moscow, these detailed descriptions and illustrations were published elsewhere; description of nine new species of plants from Caucasus occured in Trans. Linn. Soc. London 11(2): 408-418, *pl. 31-39.* 24 Jan 1816 ("1815"). Only *Orchis mutabilis* Steven, which replaces *O. formosa* Steven 1813, is new in this paper). [P.I.].

13.061. *Observationes in Saxifragas* taurico-caucasicas auctore C. Steven. [Mém. Soc. Imp. Natural. Moscou 4. 1813]. Qu.
Publ.: 1813 (t.p. journal vol.), p. [53]-62. *Copy*: H (joint reprint with *Stirpes*; abundantly corrected by Steven). – Reprinted and to be cited from Mém. Soc. Imp. Natural. Moscou 4: 73-82. 1813. See note (1) under *Stirpes*.

Re-publ.: Saelan p, 477, no. 5, mentions an "ed. sec. ibid. 1830, s. 113-122" (cf. BPH p. 584).

Booknr. 13.062 has not been used.

13.063. *Observationes in plantas rossicas* et descriptiones specierum novarum, propositae a C. Steven. [Mém. Soc. Imp. Natural. Moscou]. Qu. (*Observ. pl. ross.*).

[*1*]: 1817 (t.p. journal vol.), after 12/24 Dec 1817 (p. iv of journal vol.), p. [2]-24. *Copies*: H (2, on very soft paper). – Reprinted and to be cited from Mém. Soc. Imp. Natural. Moscou 5: 334-356. 1817.

[*2*]: possibly 1824, in any case before Sep 1828 (see note 1), p. [61], [63]-83, (77-83 erroneously marked as 67-73), *pl. 12-16* (with identification "Acta Mosquensia. Tom. VII", uncol.). *Copies*: FI, G, H(2), HH, M. – Preprinted from Mém. Soc. Imp. Natural. Moscou 7 (= Nouv. Mém. 1): 257-279, *pl. 12-16*. 1829 (publ. after 24 Jan/5 Feb 1829, p. viii of journal vol.).

Notes (1): The paper is ususally cited as of 1829 (date of journal publ.), sometimes 1824. The latter date may be correct: on the t.p. of a copy at H appears an old inscription "Moscou 1824" presumably drawn by a Russian hand, and on the inside cover appears Steven's dedication to de la Billardière, "Simféropol 22 [or 27] août 1828" (old style?). Similar problems are met with in dating the papers preceding Steven's article in the same volume of the Mémoires. These include: C.A. von Meyer's *Nov. pl. sp.* (Mém. 7: 135-143, *pl. 3-4*; TL-2/5899 as of 1829) and A.A. von Bunge's *Consp. gen. Gentianae ... 1824* (Mém. 7: 197-256, *pl. 8-11*; e.g. PR 1360 cites the reprint as "Mosquae 1824", while some other sources give its date as 1829). If one accepts that the Steven paper was published before 1829, one may conclude that Meyer's and Bunge's papers must also have been published as preprints, in 1824 or, at the latest, 1828.

(2) The curious new pagination, 61-83, of the Steven preprint may be a direct continuation of the preprint pagination of Bunge's *Conspectus* which precedes Steven's *Observationes* in the journal. [P.I.].

[*3*]: 1834 (t.p. journal vol.), p. [93], [95]-107, *pl. 6-8* (with identification "N. Mémoires vol. III", partially col. *Copies*: H (t.p. with old inscription "1834 Moscou"), HH. – Reprinted, without change of pagination, and to be cited from Nouv. Mém. Soc. Imp. Natural. Moscou 3 (= Mém. 9): 93-107, *pl. 6-8*. 1834. *First publ.*: Bull. Soc. Imp. Natural. Moscou 4: 250-269. 1832 (identical contents but no plates).

13.064. *Monographia pedicularis*. Auctore C. Steven. [Mém. Soc. Imp. Natural. Moscou 1823]. Qu.

Publ.: 1823, *in* Mém. Soc. Imp. Natural. Moscou 6: 1-60, 311 [err.], *pl. 1-17* (uncol. Gebmayer, A. Sudakow, A. Poiret, L.C. Richard). – Offprints of p. 1-60 of the journal publication, with *pl. 1* used as t.p. exist (*copies*: B, G, H, WU. – Plate 1 has a bottom line "Ad Acta Soc. Caes. Naturae Scrutatorum. Tom. vi. 1822", hence the reference to these offprints as of "Mosquae 1822". See also G. Schmid (1942) no. 178. The journal was published 1823. – The presence on p. 311 of a set of errata might imply that the offprints were indeed preprints of 1822 because Steven (then at Simferopol?) may have seen the printed text well before the closing of the volume (P. Isoviita).

13.065. *Annotationes botanicae* [Extrait du Bullet. de la Soc. Impér. des Natural. de Moscou. Tome xxi. 1848]. Oct.

Publ.: 1848 (after 22 Jun, see date on p. 266 of journal), p. [1]-20. *Copies*: G, H. – Reprinted and to be cited from Bull. Soc. Imp. Natural. Moscou 21(3): 267-284. 1848.

Reprint: Dec 1849, Ann. Sci. nat. Bot. ser. 3. 12: 368-380.

13.066. *Observationes in Asperifolias taurico-caucasicas* auctore Chr. Steven. [Extrait du Bull. de la Soc. Impér. des Natural. de Moscou, tome xxiv. 1851]. Oct.

Publ.: 1851 (journal publ. after Jun 1851, see p. 698-699), p. [1]-54. *Copies*: G, H. – Reprinted and to be cited from Bull. Soc. Imp. Natural. Moscou 24(2): 558-609. 1851.

13.067. *Xiphocoma et Gampoceras* ... Mosquae (typis Universitatis caesareae) 1852. Oct.
Publ.: 1852 (prob. Jul-Dec ; part 1 of journal issued after Mar 1851), p. [i-ii], [1]-8, *pl.* 7 (uncol.). *Copies*: G, H, LC. – Reprinted and to be cited from Bull. Soc. Imp. Natural. Moscou 25(2): 537-544. 1852.

13.068. *Verzeichniss der auf der taurischen Halbinsel wildwachsenden Pflanzen* ... Moskau (in der Buchdruckerei der kaiserlichen Universität) 1857. Oct.
Publ.: Dec 1857 (as reprint; 1856-1857 in journal; p. ii reprint 23 Nov 1857), p. i-ii, [1]-412, [413-414, err.], *pl. 1* (uncol.). *Copies*: B-S, G, H-UB; IDC 1048. – Reprinted and to be cited from Bull. Soc. Imp. Natural. Moscou 29(2): 234-334. 30 Apr 1856, 29(3): 121-186. Nov-Dec 1856, 29(4): 339-418. 25 Nov 1856, 30(2): 325-398. 1857, 30(3): 65-160, *pl. 2.* 12 Nov 1857.
Ref.: L.E.T., Bot. Zeit. 17: 6-7. 1859 (rev.).

Stevens, Frank Lincoln (1871-1934), American mycologist and phytopathologist; B.S. Rutgers Coll. 1893; M.S. ib. 1897; Dr. phil. Univ. Chicago 1900; high school teacher in Columbus, Ohio 1895-1897; instructor in biology, subsequently professor of botany and plant pathology, North Carolina College of Agriculture 1901-1912; dean of agriculture, University of Puerto Rico 1912-1914; professor of plant pathology, Univ. of Illinois 1914-1934; Charles Fuller Baker memorial prof. Univ. Philippines 1930-1931; D.Sc. Lima 1924; L.L.D. Glasgow 1928. (*F. Stevens*).

HERBARIUM and TYPES: BISH (fungal specimens and types for *Hawaii. fung.* 1925 and fungal ref. coll. Univ. Hawaii). Further material at BPI, C, FH, ILL, K, MICH, NY, PRE, URM, URM, US, W. – *Letters* to W.G. Farlow at FH; other letters at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 138, 328; Barnhart 3: 327 (b. 1 Apr 1871, d. 16 Aug 1934); Biol.-Dokum. 17: 8968; BJI 2: 171; BM 5: 2019, 8: 1248; Bossert p. 383; Hawksworth p. 186; Hirsch p. 287; Hortus 3: 1204; IH 1 (ed. 6): 364, (ed. 7): 343, 2: (files); Kelly p. 218-219; Lenley p. 387; LS 25823-25838, 39546-39581, suppl. 26568-26629; MW p. 472; NW p. 58; PH 209, 450; Rehder 1: 206; SIA: HI-107; SK 1: 506; Stevenson p. 1259; Tucker 1: 668, 3: 295.

BIOFILE: Anon., Amer. men sci. ed. 1: 307. 1906, ed. 2: 449. 1910, ed. 3: 655. 1921, ed. 4: 937. 1927, ed. 5: 1067. 1933; Bot. Centralbl. 125: 96. 1914 (app. Urbana, Ill.); Hedwigia 41: 207. 1902 (consulting biol. Exp. Sta. N. Carol.), 54: 189. 1914 (app. Urbana, Ill.); Österr. bot. Z. 64: 72. 1914 (app. Urbana, Ill.); Phytopathology 26: 500. 1936 (obit.); Who's who Amer. 6: 1829. 1910-1911, 7: 1999. 1912-1913, 8: 2234. 1914-1915, 9: 2343. 1916-1917, 10: 2585. 1918-1919, 12: 2930. 1922-1923, 13: 3037. 1924-1925, 14: 1812. 1926-1927, 15: 1978. 1928-1929. 17: 2185. 1932-1933, 18: 2255. 1934-1935, 19: 2319 (d. 18 Aug 1934), 1936-1937; Who's who Nat. Cap. 1: 372. 1921-1922, 2: 356. 1923-1924; Who was who in Amer. 1 (1897-1942): 1181. 1968.
Higgins, B.B., Science ser. 2. 80: 419-420. 1934 (obit.).
House, H.D., N.Y. State Mus. Bull. 328: 35. 1942.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 703. 1985.
Ocfemia, G.O., Philipp. Agr. 19: 199-202. 1930 (portr., curr. vit., abbr. bibl.).
Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 40, 41, 44, 64. 1981.
Rogerson, C.T., Mycologia index 1909-1966: 1066-1067. 1968.
Tehon, L.R., Mycologia 27: 1-5. 1935 (obit., portr.).
Verdoorn, F., ed., Chron. bot. 2: 320. 1935.

EPONYMY: *Stevensea* Trotter (1926); *Stevensiella* Trotter (1928); *Stevensomyces* E.F. Morris et D.C. Finley (1965); *Stevensula* Spegazzini (1924). *Note*: *Stevensia* Poiteau (1804) was named for Edward Stevens, American author of an unpublished work on the natural history of Hispaniola (c. 1803).

13.069. *Diseases of economic plants* ... New York (The Macmillan Company) 1910. Oct. (*Diseases econ. pl.*).
Co-author: John Galentine Hall (1870-?).

Publ.: 1910 (p vi: Jul 1910; Nat. Nov. Feb(1) 1911), p. [i]-x, [xi], [1]-513. *Copies*: NY, PH, USDA. – With portraits of W.G. Farlow, C.E. Bessy, T.J. Burrill.
Reprint: 1919, New York (id.), p. [i-ii], portr. Farlow, iii-x, [xi], [1]-513. *Copy*: B-G. – Other reprints: Jul 1913, Jan 1915, Feb 1916, Feb 1917.
Revised ed.: Jan 1921, reprinted 1922, 1926. New York (id.), p. [i-ii], portr. Farlow [iii]-viii, [ix], 1-507. *Copies*: B-S, USDA.

13.070. *The fungi which cause plant disease* ... New York (The Macmillan Company) 1913. Oct. (*Fung. pl. disease*).
Publ.: Nov 1913 (see p. iv: Allg. bot. Z. 31 Dec 1913; Nat. Nov. Dec(2) 1913, p. [i]-ix, [xi], [1]-754. *Copies*: B-S, BR, FH, MO, PH, USDA.
Reprint: 1966, Johnson Reprint Corporation (New York), p. [i]-ix, [xi], [1]-754. *Copy*: NY.
Follow-up: see *Plant disease fungi* 1925.
Ref.: Olive, E.W., Torreya 14: 46-47. 17 Mar 1914 (rev.).

13.071. *The genus Meliola in Porto Rico* including descriptions of sixty-two new species and varieties and a synopsis of all known Porto Rico forms ... Contribution from the Botanical Laboratories of the University of Illinois [Urbana, Ill. 1916]. Oct. (*Meliola Porto Rico*).
Publ.: 30 Jun 1916, p. [1]-86, *pl. 1-5*. *Copies*: B, B-G, BR, G, M, MO, NY, Stevenson. – Illinois biological monographs 2(4) 1916, also paginated [469]-553.

13.072. *Spegazzinian Meliola types* ... Reprinted ... The Botanical Gazette ... 1917. Oct.
Publ.: Nov 1917, p. 421-425, *pl. 24-26*. *Copy*: NY. – Reprinted and to be cited from Bot. Gaz. 64(5): 421-425, *pl. 24-26*. 1917.

13.073. *The Helminthosporium* foot-rot of wheat, with observations on the morphology of Helminthosporium and on the occurence of saltation in the genus ... Urbana, Illinois (printed by authority of the State of Illinois) 1922. Oct.
Publ.: Jun 1922 (t.p.), frontisp., p. [i*], [i]-iv, [77]-185, *pl. A-Y, 7-34* with text. *Copies*: BR, G. – Issued and to be cited as Bull. State Illinois, Nat. Hist. Survey 14(5). 1922.

13.074. *Parasitic fungi from British Guiana and Trinidad* ... Urbana, Illinois (published by the University of Illinois ...) 1924. Oct. (*Paras. fung. Brit. Guian.*).
Publ.: Jul 1924 (p. 2), p. [1]-76. *Copies*: BR, FH, MICH, Stevenson. – Issued as Ill. biol. Monogr. 8(3), 1923 [1924]. – *19 pl.* and map in text. Journal pagination also 177-242.

13.075. *Plant disease fungi* ... New York (The Macmillan Company) 1925. Oct. (*Pl. disease fung.*).
Publ.: Jun 1925 (p. iv), p. [i-ix], 1-469. *Copies*: B-S, BR, NY, USDA. – A follow-up on *Fung. pl. disease* 1913, q.v.
Other printing: 1950, p. [i-ix], 1-469. *Copy*: BR. – New York (id.) s.d. [p. iv: 1950].
Ref.: Ramsbottom, J., J. Bot. 63: 372. Dec 1925.

13.076. *Hawaiian fungi* ... Honolulu, Hawaii (published by the [Bernice P. Bishop] Museum) 1925. Oct. (*Hawaiian fung.*).
Publ.: Oct 1925, p. [i*-ii*], i-ii, 3-189, *pl. 1-10*. *Copies*: FH, G, MO, Stevenson. – Issued as Bernice P. Bishop Museum Bulletin 19.

13.077. *Fungi from Costa Rica and Panama* ... Contribution from the Botanical Laboratories of the University of Illinois [Urbana, Ill. 1927]. Oct. (*Fung. Costa Rica*).
Publ.: 28 Dec 1927 (p. 2), p. [1]-102, 18 pl. and map in text. *Copies*: BR, FH, MO, NY, Stevenson. – Issued as Ill. biol. Monogr. 11(2), 1927. – Pagination in journal as [153]-254.

13.078. *Philippine Meliolineae* ... Manila (Bureau of Printing) 1935. Oct.
Co-author: E.F. Roldan.
Publ.: Jan 1935, cover-t.p., p. 47-80. *Copy*: NY. – Reprinted and to be cited from Philipp. J. Sci. 56(1): 47-80. 1935.

13.079. *The Microthyriaceae* ... Urbana, Illinois (The University of Illinois Press) 1939. Oct. (*Microthyriac.*).
Co-author: Mary Hilaire Ryan (1899-x).
Publ.: 1939, p. [1]-138. *Copies*: Stevenson, USDA. – Issued as Illinois biol. Monogr. 17(2). 1939.

Stevens, George Thomas (1832-1921), American physician and botanist; M.D. Castleton (Vt.) Med. Coll. 1857; army surgeon until 1870; at Union University 1870-1875; practicing physician in New York from 1880. (*G. Stevens*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 327; Tucker 2: xxxvi.

BIOFILE: Anon., Amer. men sci. ed. 1: 307. 1906, ed. 2: 449. 1910, ed. 3: 655. 1921; Science ser. 2. 53: 161. 1921 (d.); Natl. cycl. Amer. biogr. 1: 214. 1892; New York Times 31 Jan 1921 (d.); Who's who Amer. 1: 692. 1899-1900, 2: 1083.1901-1902, 3: 1418. 1903-1905, 4: 1705. 1906-1907, 5: 1807. 1908-1909, 6: 1830. 1910-1911, 7: 1999. 1912-1913, 8: 2234. 1914-1915, 9: 2343. 1916-1917, 10: 2586. 1918-1919, 12: 2930 (d. 30 Jan 1920); Who was who in Amer. 1 (1897-1942): 1181. 1968.
Leonard, J.W., Men of America 2006. 1908.

13.080. *An illustrated guide to the flowering plants of the middle Atlantic and New England States* (excepting the grasses and sedges). The descriptive text written in familiar language ... New York (Dodd, Mead and Company) 1910. Oct. (*Ill. guide fl. pl.*).
Publ.: Jun 1910 (p. ii), p. [i-ix], [1]-749, illustr. by author in text. *Copies*: HH, MO, NY, USDA.
Reprint of plates: 1930, p. [i-v], *pl. 1-199*. *Copies*: HH, PH. – *Illustrations of flowering plants* ... [Brooklyn, N.Y.] (Flatbush Printing Co.) 1930; see Torreya 31: 52. 1931.

Stevens, Neil Everett (1887-1949), American mycologist and plant pathologist; Dr. phil. Yale Univ. 1911; with Kansas State College 1911-1912; plant pathologist in the Bureau of Plant Industry 1912-1936, associated with C.L. Shear; adjunct professor of botany at George Washington University 1931-1936; professor of botany, University of Illinois, Urbana 1936-1949. (*N. Stevens*).

HERBARIUM and TYPES: BPI. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 327 (b. 6 Apr 1887, d. 26 Jun 1949); BM 8: 1248; Bossert p. 383; DAB 42: 105-106; Hirsch p. 287; Kelly p. 219; Lenley p. 387; LS suppl. 6664, 26646-26676; MW p. 472; PH 209, 567; Stevenson p. 1259; Tucker 2: xxxvi, 3: 295.

BIOFILE: Anderson, H.W., Phytopathology 40: 413-415. 1950 (obit., bibl.).
Anon., Amer. men sci. ed. 3: 655-656. 1921, ed. 4: 937. 1927, ed. 5: 1067. 1933, ed. 6: 1358. 1938, ed. 7: 1705. 1944, ed. 8: 2392. 1919; Natl. Cycl. Amer. biogr. 42: 105-106. 1958 (portr.); New York Times 30 Jun 1949; Who's who inAmer. 18: 2257. 1934-1935, 19: 2320. 1936-1937, 20: 2371. 1938-1939, 21: 2461. 1940-1941, 22: 1088. 1942-1943, 23: 2032. 1944-1945, 24: 2262. 1946-1947, 25: 2369. 1948-1949; Who was who in America 2: 509. 1950.
Kunkel, L.O., Bull. Torrey bot. Club 77: 145. 1950 (obit.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 703. 1985.
Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 30, 40. 1981.
Shear, C.L., Mycologia 42: 333-341. 1950 (obit., portr., bibl.).
Verdoorn, F., ed., Chron. bot. 2: 31, 33, 305, 308, 320. 1936, 3: 327, 368. 1937, 5: 87, 419. 1941, 6: 185, 339, 348, 349. 1943.

NOTE: Posthumous publ.: *Disease in plants*, an introduction to agricultural phytopathology, Waltham, Mass. (Chronica botanica Company) 1952, xx, 219 p.; published by

Russel B. Stevens (1915-x). – Has on p. ii a note by F. Verdoorn on N.E. Stevens' career.

13.081. *Observations on heterostylous plants* ... Preprinted for private circulation from the Botanical Gazette ... 1912. Oct. (*Observ. heterostyl. pl.*).
Publ.: Apr 1912, cover-t.p., p. 277-308, *pl. 21-23*, preprinted from Bot. Gaz. 53(4): 277-308. *pl. 21-23*. 1912.

Stevens, Orin Alva (1885-1979), American botanist and entomologist; B.S. Kansas State College 1906; M.S. NDSU 1923; assistant professor, subseq. full professor, North Dakota State University, Fargo 1909-1951; with the North Dakota Institute for regional studies, State College Station, Fargo 1951-1971; emeritus professor of botany 1956-1979; in retirement at Fargo 1976-1977, at Sacramento, Calif. 1977-1979. (*O. Stevens*).

HERBARIUM and TYPES: NDA; duplicates F, GH, MIN, MO, NY, PH, RM, U, UC, US.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 327 (b. 17 Oct 1885); BFM 1606; BL 1: 182, 205, 206, 320; Bossert p. 383; Hirsch p. 287; Hortus 3: 1204; IF (ed. 1): 34, (ed. 2): 51, (ed. 3): 61, (ed. 6): 365, (ed. 7): 343; PH 59, 450; Roon p. 108; SIA 176, 227, 7062 and HI-107; TL-2/781; Tucker 3: 295.

BIOFILE: Anon., Amer. men sci. ed.3 : 656. 1921, ed. 4: 937. 1927, ed. 5: 1067. 1933, ed. 6: 1358-1359. 1938, ed. 7: 1705. 1944, ed. 8: 2392. 1949, ed. 9: 1086. 1955, ed. 10: 3919. 1961, ed. 11: 5168. 1967, ed. 12:(6): 6119. 1973; Taxon 28: 433. 1979 (d.).; The Forum, Fargo-Moorhead, 13 Jan 1979 (obit., portr.).
Stevens, O.A., Taxon 20: 823-824. 1971 (on the index to American botanical literature on cards at N. Dakota Univ.).
Verdoorn, F., ed., Chron. bot. 4: 452. 1938.

NOTE: Outside our period: *Handbook of North Dakota plants*, Fargo, N.D. 1950, iv, 325 p.

13.082. *North Dakota weeds* ... Agricultural Experiment Station, North Dakota 1922. (*N. Dakota weeds*).
Publ.: Jun 1922, p. [1]-44. *Copy*: HH. – Issued as Bull. 162, Agr. Exp. Sta. N. Dakota, 1922.

13.083. *Wild flowers of North Dakota* ... Fargo, North Dakota (Extension Service) 1938. (*Wild fl. N. Dakota*).
Publ.: Mai 1938, p. [1]-51. *Copies*: HH. – Circ. 164, Extension Serv. Fargo, N. Dakota.

Stevens, William Chase (1861-post 1948), American botanist; B.S. Univ. Kansas 1885, M.S. ibid. 1893; teacher Emporia High School 1885-1889; at University of Kansas as assistant for natural history 1889-1893, assoc. professor of botany 1893-1899, full professor of botany 1899. (*W. Stevens*).

HERBARIUM and TYPES: KANU and US. – *Letter* to W.G. Farlow at FH.

BIBLIOGRAPHY and BIOGRAPHY: Biol.-Dokum. 17: 8969; Ewan ed. 1: 309, ed. 2: 212; Hirsch p. 287; LS 39582.

BIOFILE: Anon., Nat. Nov. 21: 301. 1899 (full prof.); Amer. men sci. ed. 1: 309. 1906, ed. 2: 450. 1910, ed. 3: 656. 1921, ed. 4: 937. 1927, ed. 5: 1068. 1933, ed. 6: 1359. 1938, ed. 7: 1706. 1944; Who's who Amer. 4: 1707. 1906-1907, 5: 1809. 1908-1909, 6: 1832. 1910-1911, 7: 2001. 1912-1913, 8: 2237. 1914-1915, 9: 2346. 1916-1917, 10: 2589. 1918-1919, 12: 2933. 1922-1923 (still prof. bot. Kansas); Who was who in America 3: 820. 1960 ("deceased", date unknown).
Schmid, B. & C. Thesing, Biol.-Kalend. 1: 320. 1914.
Verdoorn, F., ed., Chron. bot. 2: 323. 1936, 4: 181. 1938, 5: 17, 302. 1939.

NOTE: Outside our period: *Kansas wild flowers*, ix, 463 p. Lawrence 1948.

13.084. *Introduction to botany.* ... Boston, U.S.A. (D.C. Heath & Co., publishers) 1902. Oct. (*Intr. bot.*).
Publ.: 1902, p. [i]-viii, [ix], 1-436, [1]-127. *Copies*: HH, NY.
Other issue: 1903, p. [i]-viii, [ix], 1-436, [1]-127. *Copy*: HH.
Other issue: 1905, p. [i]-viii, [ix], 1-436. *Copy*: USDA.

13.085. *Introduction to botany key and flora* ... Boston (D.C. Heath & Co., ...) 1905. Oct. (*Intr. bot. key fl.*).
Publ.: 1905, p. [1]-127. *Copy*: USDA.

13.086. *Plant anatomy* from the standpoint of the development and functions of the tissues and handbook of micro-technic ... Philadelphia (P. Blakiston's Son & Co. ...) 1907. Oct. (*Pl. anat.*).
Ed. [*1*]: Nov-Dec 1907 (p. vii: Oct 1907; Nat. Nov. Feb(1) 1908), p. [i]-xii, 1-349. *Copies*: NY, PH.
Ed. 2: 1911 (p. vi: Oct 1910; Nat. Nov. Oct(2) 1911; t.p. date 1911), p. [i]-xv, 1-379. *Copies*: NY, USDA.
Ed. 3: 1916, p. [i]-xvii, 1-399. *Copies*: G, MO, USDA.
Ed. 4: 1924, p. [i]-xv, [1]-398. *Copies*: B-S, HH.

Stevenson, John (1836-1903), Scottish clergyman and mycologist; studied at the University of St. Andrews; preacher in the Established Church of Scotland 1859; minister of Glamis 1873-1903; D.D. h.c. St. Andrews 1888. (*J. Stevenson*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 328 (d. 27 Nov 1903); BB p. 288; BM 5: 2019; Bossert p. 383; CSP 11: 495, 18: 954; Desmond p. 584; Jackson p. 246; Kelly p. 219; LS 25839-25851, 39583; Morren ed. 10, p. 78.

BIOFILE: Anon., Ann. Scott. nat. Hist. 1904(49): 1-3 (obit.); J. Bot. 42: 64. 1904 (obit.); Nat. Nov. 1904: 46 (d.).

13.087. *Mycologia scotica.* The fungi of Scotland and their geographical distribution ... Edinburgh (printed for the Cryptogamic Society of Scotland) 1879. Oct. (*Mycol. scot.*).
Publ.: Sep 1879 (p. [v]: 29 Aug 1879; BSbF 27 (bibl.): 39; Grevillea Dec 1879; Nat. Nov. Sep(2) 1879), map, p. [i]-xx, [1]-443. *Copies*: FH, G, PH, Stevenson, USDA; IDC 6318.
Additions: Scottish Naturalist 6: 30-39, 117-125, 163-170. 1881, 6: 213-222. 1882, 7: 29-37, 85-89. 1883, 7: 114-116, 181-183. 1884, 8: 20-25, 71-75. 1885.
Supplement, with J.W.H. Trail, Scottish Naturalist 8: 71, 127-130, 186-192. 1885, 8: 235-237, 264-267, 327-331. 1886.

13.088. *Hymenomycetes britannici.* British fungi (Hymenomycetes) ... Edinburgh and London (William Blackwood and Sons) 1886, 2 vols. Oct. (*Hymenomyc. brit.*).
1 (Agaricus-Bolbitius): Apr 1886 (TBC Jul 1886; Bot. Zeit. 26 Nov 1886; J. Bot. Mai 1886; Nat. Nov. Mai(1) 1886), p. [i]-vii, [1]-372.
2 (Cortinarius-Dacrymyces): Aug-Sep 1886 (Grevillea Dec 1886; Nat. Nov. Oct(2) 1886), p. [i-iii], [1]-336.
Copies: B, BR, FH, MICH, MO, PH, Stevenson, US, USDA; IDC 6319.

Stevenson, John Albert (1890-1979), American mycologist; studied forestry at the University of Minnesota, B.S. ib. 1912, assistant ib. 1912-1913; plant pathologist in Puerto Rico 1913-1918; pathology inspector Federal Horticultural Board, Washington, D.C. 1919-1925; in charge of foreign agricultural exploration USDA 1925-1927, with the National Fungus Collections at Beltville, Md. 1927-1960; in retirement at Beltsville from 1960-1979. (*J.A. Stevenson*).

HERBARIUM and TYPES: BPI (US); further material at A, C, F, IAC, L, MIN, NY. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Ainsworth p. 227, 307, 308, 319, 332, 333, 334, 347; Barnhart 3: 328 (b. 16 Jul 1890); BM 8: 1248; Bossert p. 383; IH (ed. 1): 9, (ed. 2): 21,(ed. 3): 24, (4): 26, (ed. 5): 17, (ed. 6): 24, (ed. 7): 343; Kelly p. 219; Lenley p. 387; LS suppl. 26677-26689; MW p. 472; PH 209; Roon p. 108; SIA 223, 7231; Stevenson p. 1259; TL-2/see C.G. Lloyd.

BIOFILE: Anon., Amer. men sci. ed. 3: 656. 1921, 4: 938. 1927, ed. 5: 1068. 1933, ed. 6: 1359-1360. 1938, ed. 7: 1707. 1944, ed. 8: 2394. 1949, ed. 9. 2: 1087. 1955, ed. 10(S-Z): 3922. 1961, ed. 11 (S-Z): 5171. 1967; Plant Press 7(39). 1979; Taxon 29: 170. 1980 (d. 30 Oct 1979); Washington Star 2 Nov 1979(B-4); Who's who Amer. 26: 2639.1950-1951, 27: 2325. 1952-1953, 28: 2562. 1954-1955, 29: 2468. 1956-1957, 30: 2653. 1958-1959, 31: 2778. 1960-1961; Who's who Nation's Cap. 852. 1934-1935; Who was who Amer. 7: 546. 1977-1981 (d. 30 Oct 1979).
Churgin, S.J. & R. Schallert, J. Soc. bibl. nat. Hist. 9(4): 599. 1980.
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 703. 1985.
Plante, H., The Sentinel 19 Mar 1975 (interview, portr.).
Rogers, D.P., Brief hist. mycol. N. Amer. ed. 2. 65, 66. 1981.
Stevenson, J.A., Technical writings 1914-1915: (mimeographed list in TL-2 files).
Verdoorn, F., ed., Chron. bot. 5: 100. 1939.

NOTE: Major publications outside our period e.g. *An account of fungi exsiccati containing material from the Americas*, Beih. Nova Hedw. 36, 1971, 563 p. (see e.g. Taxon 21: 351-352. 1972), and *Fungi of Puerto Rico and the American Virgin Islands*, Reed herbarium, 1975, 743 p. and 55 entries on *Ustilaginales* in *Index nominum genericorum* 1979.

EPONYMY: *Mycostevensonia* A.C. Batista et R. Ciferri (1962); *Stevensonula* F. Petrak (1952). *Note*: The derivation of *Stevensonia* Duncan ex I.B. Balfour (1877) was not given.

13.089. *Foreign plant diseases* a manual of economic plant diseases which are new to or not widely distributed in the United States ... Washington (Government Printing Office) 1926. Oct. (*Foreign pl. diseases*).
Publ.: 1926, p. [i]-viii, 1-198. *Copies*: FAS, FH.

13.090. *The new fungus names proposed by C.G. Lloyd* ... Bulletin of the Lloyd Library and Museum ... Cincinnati Ohio. 1936.
Co-author: Edith Katherine Cash (1890-?).
Publ.: 1936, p. [i-ii], err. sheet, 1-209. *Copies*: BR, FH. – Issued and to be cited as Bull. Lloyd Libr. 35. 1936.

Stevenson, John Barr (1882-1950), British horticulturist who owned a large collection of rhododendrons at Tower Court, Ascot. (*J.B. Stevenson*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Desmond p. 584 (d. 27 Mai 1950); MW p. 472; Tucker 3: 295.

BIOFILE: Aberconway, Rhodendron Yearb. 1950: 5-6 (obit.); Bot. Mag. 167: frontisp. portr. and dedication 1950; Gard. Chron. 1950(1): 232 (obit. not.); J. Hort. 66: 354. 1914 (portr.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 275.72. 1980.
Fletcher, H.R., Story R. Hort. Soc. 300, 338, 348-349, 352, 364. 1969.

13.091. *The species of Rhododendron* ... published by The Rhododendron Society 1930. Oct. (*Sp. Rhodod.*).
Publ.: 1930 (MO rd 18 Sep 1930), p. [i]-viii, 1-861, *72 pl. Copies*: MO, NY, USDA. – J.B. Stevenson editor.

Steward, Albert Newton (1897-1959), American botanist; B.S. Oregon State 1921; botanist at Nanking University 1921-1926; assistant Harvard Univ.; Dr. phil. Harvard

1930; professor of botany at Nanking University 1930-1950; at the Arnold Arboretum 1950-1951; curator of the Oregon State College herbarium 1951-1959. (*Steward*).

HERBARIUM and TYPES: Chinese coll. 1921-1950: A and N; duplicates: C, E, F, HH, K, L, LU, MO, NF, NY, PNH, UC, US. – Northwest American plants (1951-1959): OSC; duplicates DAV, LAM, W, WS. – *Field notes*: OSC. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 328 (b. 23 Jul 1897; d. 19 Jun 1959); BJI 2: 171; IH 1 (ed. 1): 29, (ed. 2): 45, (ed. 3): 53, (ed. 4): 57; MW p. 472, suppl. p. 334-335; Roon p. 108; Zander ed. 10, p. 721, ed. 11, p. 823.

BIOFILE: Anon., Amer. men sci. ed. 4: 938. 1927, ed. 5: 1068. 1933, ed. 6: 1360. 1938, ed. 7: 1707. 1944, ed. 8: 2395. 1949, ed. 9(2): 1087. 1955.
Gilkey, H.M., Bull. Torrey bot. Club 86(5): 342-352. 1959 (obit., portr., bibl.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 703. 1985.
Verdoorn, F., ed., Chron. bot. 4: 186. 1938.

NOTE: Main publication outside our period: *Manual of vascular plants of the lower Yangtze valley* China ... Corvallis (Oregon State College) [1958]. Oct., p. [i]-vii, [ix-xiii], 1-621. (*85 pl.*). 1958. *Copies*: HH, M, NY.

COMPOSITE WORKS: With L.R.J. Dennis and H.G. Gilkey, *Aquatic plants of the Pacific Northwest*, Corvallis, Ore., 1960, v, 184 p.

13.092. *The Polygoneae of Eastern Asia* ... Cambridge, Mass., U.S.A. (published by the Gray herbarium of Harvard University) 1930. Oct. (*Polygonac. E. Asia*).
Publ.: 17 Apr 1930, p. [1]-129, *pl. 1-4*. *Copies*: BR, HH, MO. –Issued as Contr. Gray Herb. 88. 1930.

13.093. *A preliminary report of studies on littoral vegetation made in the vicinity of Amoy* under the auspices of the marine biological Association of China July and August, 1933 ... Reprinted from third annual report of the marine biological Association of China 1934. Oct.
Publ.: 1934, cover-t.p., p. [101]-109. *pl. 1-4*. *Copies*: NY, US. – Reprinted and to be cited from Ann. Rep. marine biol.Ass. China 3: [101]-109, *pl. 1-4*. 1934.

13.094. *Geographical and ecological notes on botanical explorations in Kwangsi Province*, China ... Nanking (published by College of Agriculture and Forestry ...) 1935. Oct.
Co-author: Cheo Shu-Yuen.
Publ.: Aug 1935, p. [i-ii], [1]-23, *2 pl.*, 3 maps. *Copies*: NY, US. – Reprinted and to be cited from Nanking Journal 5(1): 173-195. Mai 1935.

Stewart, Alban (1875-?), American botanist; Dr. phil. Harvard 1911; instructor in botany New Hampshire College 1909; id. at the Dept. of Botany, University of Wisconsin, 1911-1916; professor of botany, Florida State College for Women, Tallahassee 1916; collected in the Galapagos archipelago 1905-1906. (*A. Stewart*).

HERBARIUM and TYPES: CAS; further material F, GH, K, MO, NY, US, WIS. – *Letters* to W.G. Farlow. – Other letters at G, GH.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 328; BJI 2: 171; BL 1: 104, 109, 320; GR p. 248; Hirsch p. 287; Kelly p. 219; Lenley p. 387; Tucker 1: 669.

BIOFILE: Anon., Hedwigia 59: (142). 1917 (app. Tallahassee); Amer. men sci. ed. 2: 451. 1910, ed. 3: 657. 1921, ed. 4: 938. 1927.
Munz, P.A., Leafl. W. Bot. 7(3): 74. 1953.

13.095. Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906. ii. *A botanical survey of the Galapagos Islands* ... San Francisco (published by the Academy) 1911. Oct.

Publ.: 20 Jan 1911, cover-t.p., p. [7]-288, *pl. 1-19. Copies*: BR, FH, G, HH, M, NY, US, USDA. – Issued as and to be cited from Proc. Calif. Acad. Sci. ser. 4. 1: 7-288. 1911. – See also *Some observations concerning the botanical conditions on the Galapagos Islands*, Trans. Wisc. Acad. Sci. 18(1): 270-340. 1915.
Ref.: Morris, E.L., Torreya 11: 220-221. 18 Oct 1911 (rev.).

13.096. Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906. v. *Notes on the botany of Cocos Island* ... San Francisco (Published by the Academy) 1912. Oct.
Publ.: 19 Jan 1912, cover-t.p., p. [375]-404, *pl. 31-34. Copies*: BR, G, NY, U, US, USDA. – Issued as and to be cited from Proc. Calif. Acad. Sci. ser. 4. 1: [375]-404, *pl. 31-34.* 19 Jan 1912.

13.097. Expedition of the California Academy of Sciences to the Galapagos Islands, 1905-1906. vii. *Notes on the lichens of the Galapagos Islands* ... San Francisco (Published by the Academy) 1912. Oct.
Publ.: 17 Dec 1912, cover-t.p., p. [431]-446. *Copies*: BR, G, NY, U, US, USDA. – Issued as and to be cited from Proc. Calif. Acad. Sci. ser. 4. 1: [431]-446. 17 Dec 1912.

Stewart, John Lindsay (ca. 1832-1873), Scottish physician and botanist; MD Edinburgh 1856; assistant surgeon Bengal 1856; superintendent of the Botanical Garden Saharunpur 1860-1861 and 1864-1869; conservator of forests, Punjab 1864-1869; from 1869-1872 at Kew working at his Forest flora; died in India. (*J.L. Stewart*).

HERBARIUM and TYPES: Material at B (mainly destr.), DD, E, K.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 329 (d. 5 Jul 1873); BB p. 288; BM 5: 2019; CSP 5: 831, 8: 1017, 11: 498, 12: 704; Desmond p. 584; Henrey p. 213; Hortus 3: 1204; Jackson p. 386, 389; MW p. 472; NI (alph.); Rehder 5: 824; Tl-2/704, see W.H. Fitch; Tucker 1: 669; Urban-Berl. p. 401.

BIOFILE: Anon., Bot. Not. 1874: 31; J. Bot. 11: 319-320. 1873; Proc. Linn. Soc. London 1873-74: lvii-lix.
Boase, F., Modern Engl. biogr. 6: 624. 1965.
Brandis, D., *in* J.L. Stewart & D. Brandis, Forest fl. N.W. & C. India xiii-xv, xx. 1874.
Burkill, I.H., Chapt. hist. bot. India 102, 150, 161, 162, 163, 232. 1965.
Clegham, H., Trans. bot. Soc. Edinburgh 12: 31-33. 1876 (obit., bibl.); Proc. R. Soc. Edinburgh 8: 321-322. 1875 (obit.).
Stewart, R.R., Pakistan J. For. 17: 356. 1967.

EPONYMY: *Stewartiopteris* Morgan et Delevoryas (1952) and *Stewartiotheca* D.A. Eggert et G.W. Rothwell (1979) were named for Prof. W.N. Stewart, American palaeobotanist.

13.098. *Punjab plants*, comprising botanical and vernacular names, and uses of most of the trees, shrubs, and herbs of economical value, growing within the province. Intended as a hand-book for officers and residents on the Punjab ... Lahore (printed at the Government Press, ...) 1869. Oct. (in fours). (*Punjab pl.*).
Publ.: 1869 (p. xiv: Feb 1869), p. [i*-vi*], [i]-xiv, [1]-269, [1]-106. *Copies*: B, HH, NY, USDA; IDC 7318.
Facsimile ed.: 1977, Delhi (Periodical Experts ...), Dehra Dun (Int. Book Distr.; also: Bishen Singh). *Copies*: BR, G, HH, MO, USDA.
Ref.: Ascherson, P., Bot. Zeit. 29: 826-827, 839-840. 1871.

13.099. *The forest flora of North-West and Central India*: a handbook of the indigenous trees and shrubs of those countries. Commenced by the late J. Lindsay Stewart, ... continued and completed by Dietrich Brandis, ... London (Wm. H. Allen & Co., ...) 1874. Oct. (*Forest fl. N.W. India*).
Co-author: Dietrich Brandis (1824-1907), see TL-2/704.
Publ.: Apr-Sep 1874 (TL-2/704), p. [i]-xxxi, [1]-608. *Copies*: BR, M, MO, NY, USDA; IDC 7319.

Facsimile ed.: 1972, Dehra Dun (Bishen Singh ...), as original. *Copy*: B.
Illustrations: 1874, *Illustrations of the Forest flora of North-West and Central India*, ... drawn by Walter Fitch, ... London (Wm.H. Allen & Co., ...) 1874, p. [1]-5, *pl. 1-70* (uncol. liths). *Copies*: BR, HH(2), MO, US, USDA; IDC 7320.
Ref.: Cleghorn, H., J. Bot. 13: 23-24. 1875.

Stewart, Ralph Randles (1890-x), American botanist; studied natural sciences at Columbia College 1907-1911; A.B. 1911; science teacher Gordon College, Rawalpindi 1911-1914; at Columbia College 1914-1916; Dr. phil. 1914; again at Gordon College, ultimately as principal 1916-1943, 1947-1960; acting curator of mosses at the New York Botanical Garden 1943-1947; in retirement at the University of Michigan from 1960-1977; subsequently in California. (*R.R. Stewart*).

HERBARIUM and TYPES: RAW (Stewart herbarium, 60.000); types in RAW, K, NY; duplicates in A, BM, CAL, E, GH, K, MO, NY, PENN, PH, S, US. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 329 (b. 15 Apr 1890); Bossert p. 383; Hirsch p. 287; IF suppl. 4: 339; IH 1 (ed. 1): 82, (ed. 2): 103, (ed. 3): 130, (ed. 4): 144, (ed. 5): 153, 2: (files); Lenley p. 388; PH 98; Roon p. 108; SIA: HI-107.

BIOFILE: Anon., Amer. men sci. ed. 6: 1362. 1938, ed. 7: 1710. 1944, ed. 8: 2398. 1949, ed. 9(2): 1089. 1955, ed. 10: 3927. 1961, ed. 12(6): 6131. 1973, ed. 13(6): 4315. 1976; Fl. Males. Bull. 19: 1108. 1964 (at MICH); Taxon 3: 215. 1954 (continues as principal, Gordon College).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 704. 1985.
Sayre, G., Bryologist 80: 518. 1977.
Stewart, R.R., Pakistan J. For. 17: 357. 1967; Autobiography, in letter to senior author 14 Jan 1977; Taxon 31: 57-64. 1982 (on botany in Pakistan), 33: 48-50. 1984 (biogr. notes).
Verdoorn, F., ed., Chron. bot. 2: 211. 1936, 6: 428. 1941, 7: 187. 1943.

EPONYMY: *Stewartiella* E. Nasir (1972).

NOTE: Main publication outside our period: *An annotated catalogue of the vascular plants of West Pakistan and Kashmir, in* E. Nasir & S.I. Ali, *Fl. W. Pakistan*, Dec 1972, p. [i*-viii*], portr., i-xviii, [1]-1028 (see D.H. Nicolson, Taxon 27: 393-394. 1974). See also his *Plant collectors in West Pakistan and Kashmir*, Pakistan J. Forestry 17(3): 337-364. 1967.

13.100. Contributions from the Department of Botany Columbia University-281. *The flora of Ladak*, Western Tibet i. Discussion of the flora ii. list of Ladak plants ... submitted in partial fulfillment of the requirements for the degree of doctor of philosophy, in the Faculty of pure science, Columbia University 1916-1917. Reprinted ... from the Bulletin of the Torrey botanical Club ... 1916 ... 1917. Oct.
Publ.: 27 Nov 1916 and 10 Jan 1947, p. [i-ii], 571-588, 625-650. *Copies*: H, MICH, NY. – Reprinted and to be cited from Bull. Torrey bot. Club 43: 571-588. 27 Nov 1916, 625-650. 10 Jan 1917.
Facsimile ed.: 1973, Dehra Dun (M/S Bishen Singh ...), Delhi (M/S. Periodical Experts ...). *Copies*: G, NY.

Stewart, Robert (1811-1865), British physician and botanist; practicing in Torquay, Devon. (*R. Stewart*).

HERBARIUM and TYPES: Unknown.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 329; BB p. 288; BL 2: 237, 720; BM 5: 2019; Desmond p. 585; Rehder 1: 533, 3: 603.

BIOFILE: Martin, W.K. & G.T. Fraser, Fl. Devon 774. 1939.

13.101. *Handbook of the Torquay flora*; comprising the flowering plants and ferns growing

in and around Torquay, with their respective habitats ... Torquay (E. Croydon, ...) London (Hamilton, Adams, and Co., ...) 1860. Oct. (*Handb. Torquay fl.*).
Publ.: 1860, p. [i*-ii*], [i]-iv, [v], [1]-187, [188, colo.]. *Copies*: HH, NY.

Stewart, Samuel Alexander (1826-1910), American-born Irish botanist; to Belfast, Ireland 1836; "working-man naturalist"; curator Museum of the Belfast Natural History and Philosophy Society 1891-1907. (*S. Stewart*).

HERBARIUM and TYPES: BEL; other material at B (mainly destr.), CGE, DBN, H, H-BR, K, MANCH, OXF. – *Letters* at Ulster Museum.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 329 (b. 5 Feb 1826, d. 15 Jun 1910); BB p. 289; BJI 2: 56; BL 2: 282, 283, 285, 286, 287, 720; BM 1: 386, 5: 2019; Clokie p. 249; CSP 11: 498, 12: 704, 18: 957-958; Desmond p. 585; Morren ed. 10, p. 79; Quenstedt p. 489; Tucker 1: 669; Urban-Berl. p. 314.

BIOFILE: Anon., Hedwigia 50: (143). 1910 (d.); Nature 83: 530. 1910 (obit. not.); Science ser. 2. 32: 626. 1910 (d.).
Bridson, G.D.R. et al., Nat. hist. mss. res. Brit. Isl. 33.7. 1980.
Britten, J., J. Bot. 45: 416. 1907 (herb. to BEL), 48: 216. 1910, 49: 122-123. 1911 (portr., obit.).
Freeman, R.B., Brit. nat. hist. books 329. 1980.
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Kent, D.H., Brit. herb. 80. 1957.
Lett, H.W., Proc. Belfast Natural. Club ser. 2. 6(6): 623-624. 1911 (obit. not.); Irish Naturalist 22: 29-30. 1913; Proc. R. Irish Acad. 32B7: 76. 1915.
Porter, W. et al., Proc. Belfast Natural. Club. ser. 2. 6: 410-434, *pl. 17*. 1900 (tributes).
Praeger, R.L., Irish Natural. 19(10): 201-209. 1910 (obit., portr., bibl.); Belfast nat. Hist. philos. Soc. Centenary vol. 1821-1921: 102-104. 1924 (biogr. sketch, portr.); Proc. R. Irish Acad. 7: cxliii-cxliv. 1901; Botanist in Ireland 78. 1934; Some Irish naturalists 159-160, *pl. 12, 14*. 1949.
Stapf, O., Proc. Linn. Soc. London 123: 40-41. 1911 (obit.).
Waddell, C.H. & R.L. Praeger, Naturalist 19: 201-209. 1910.

13.102. *A flora of the North-East of Ireland* including the phanerogamia, the cryptogamia vascularia, and the muscineae ... published by the Belfast Naturalist's Field Club. Cambridge (Macmillan & Bowes) 1888. Oct. (*Fl. N.E. Ireland*).
Co-author: Thomas Hughes Corry (1859-1883).
Publ.: 1888 (J. Bot. Aug 1888; Bot. Zeit. 26 Oct 1888; Nat. Nov. Mai(1) 1889), p. [i]-xxxiii, [xxxiv-xxxv], [1]-331. *Copies*: B, BR, G, HH, MO, NY, PH.
Supplement: 1895, "*A supplement to the flora of the North-East of Ireland* of Stewart and Corry. By S.A. Stewart, ... and R. Lloyd Praeger, ... Proc. Belf. Natural. Field Club ser. 2. 4(2). [on t.p. of supplement reprint: no. 5 of vol. 2]; [133]-236. 1895. – Reprints with unchanged pagination: NY, PH.
Supplement 2: 1923, frontisp., p. [i]-xii, [1]-129, err. slip, plate with various portraits. *Copy*: MO. "A second supplement to, and summary of Stewart and Corry's Flora ... Ireland. Compiled by Sylvanus Wear [1858-1920]. With an Introduction by R. Lloyd Praeger. Published by the Belfast Naturalist's Field Club. Stewart, S.A.
Ed. 2: 1938 (Nat. Nov. Mar 1939), p. [i]-lix, [1]-472, 3 maps. *Copies*: DBN, HH, LC, NY, USDA. – Second edition. Flowering plants, vascular cryptogams and charophytes by Robert Lloyd Praeger [1865-1953], ... mosses and liverworts by William Rutledge Megaw [1885-1953], ... Belfast (the Quota Pess) 1938. Oct.
Ref.: Britten, J., J. Bot. 26: 283-284. Sep 1888 (rev. ed. 1).

Steyaert, René [Léopold Alix Ghislain Jules] (1905-1978), Belgian botanist; Ing. agr. Gembloux 1927; with the "Station de Phytopathologie de l'État", Gembloux 1926, 1928-1929; agronomist for mycology, in the Belgian Congo 1929-1934; with the "Institut national pour l'Étude agronomique au Congo" [INEAC] 1934-1946; mycologist with the "Commission pour l'étude de la flore du Congo belge ..." from 1947;

ultimately (1968-1970) stationed at the "Jardin botanique national de Belgique". (*Steyaert*).

HERBARIUM and TYPES: BR; other material at INEAC. – *Letters* at G.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 330; Bossert p. 383; Hortus 3: 1205; IH 1 (ed. 1): 15, (ed. 2): 30, (ed. 3): 34, (ed. 5): 28, (ed. 6): 38; LS suppl. 26737-26738; MW suppl. p. 335; Roon p. 108; Stevenson p. 1259.

BIOFILE: Bienfait, A., Bull. Jard. bot. Belg. 49: 3-9. 1979 (obit., b. 5 Mai 1905, d. 21 Oct 1978; bibl.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 704. 1985.
Verdoorn, F., ed., Chron. bot. 2: 83, 380. 1936.

EPONYMY: *Steyaertia* A.C. Batista et H.S. Maia (1960).

Steyermark, Julian Alfred (1909-x), American botanist and botanical explorer; studied at Washington University, St. Louis, AB 1929; Dr. phil. 1933; with the Missouri botanical Garden 1934-1935; with the Field Museum of Natural history 1937-1958 (asst. cur. 1937, assoc. cur. 1948, cur. 1950); at the Instituto botanico Caracas, Venezuela from 1959-1984; research associate Missouri botanical Garden 1984. (*Steyerm.*).

HERBARIUM and TYPES: F, GH, MO, UMO, US, VEN; further material at A, AMES, BM, BR, E, FH, IA, K, L, LAM, M, MA, MICH, MIN, MSC, NO, NY, PH, S, SMS, U. – *Field notes* at F, MO, NY. – *Letters* at G, HU.

BIBLIOGRAPHY and BIOGRAPHY: Barnhart 3: 330 (b. 27 Jan 1909); BFM 1607; BL 1: 193, 194, 320; Bossert p. 383; Ewan ed. 2: 213; GR p. 248-249; Hortus 3: 1205; IH 1 (ed. 2): 41, (ed. 3): 47, 48, 136, (ed. 4): 151, (ed. 6): 54, 365, (ed. 7): 54, 343, 2: (files); Langman p. 722; Lenley p. 388; PH 209; Roon p. 108; SIA 227, 7097, and HI 107; TL-2/7233; Zander ed. 10, p. 721, ed. 11, p. 823.

BIOFILE: Acosta-Solis, M., Natural. viaj. ci. Ecuador 71-72, 124. 1968.
Anon., Amer. men sci. ed. 6: 1363. 1938, ed. 7: 1711. 1944, ed. 8: 2399. 1949, ed. 9: 1089. 1955, ed. 10: 3929. 1961, ed. 11: 5181. 1967, ed. 12(6): 6134. 1972, ed. 13(6): 4317-4318. 1976, ed. 14: 4914. 1979, ed. 15(6): 1010. 1982; Taxon 4: 20. 1955 (exp. Venezuela), 33: 160, 163. 1984 (award); Who's who Amer. 28: 2567. 1954-1955, 29: 2474. 1956-1957, 30: 2659. 1958-1959, 31: 2785. 1960-1961, 32: 3012. 1962-1963, 33: 1934. 1964-1965, 34: 2053. 1966-1967, 35: 2105. 1968-1969, 36: 2195. 1970-1971, 37: 3054. 1972-1973, 38(2): 2966. 1974-1975.
Crosby, M.R., Taxon 33: 161. 1984 (biogr. not.).
Lowden, R.M., Taxon, Index pers. names vols. 1-30. 704. 1985.
Smith, L.B., J. Bromel. Soc. 29(5): 195-201. 1979(tribute, portr.).
Steyermark, C., Behind the scenes. St. Louis, Mo. 1984 (biogr., travel accounts).
Verdoorn, F., ed., Chron. bot. 1: 314, 377. 1935, 2: 330, 335. 1936, 3: 300. 1937, 4: 452, 566. 1938, 5: 174, 371, 516. 1939, 6: 69, 172. 1941, 7: 43, 315, 346, 356. 1943.
Villanueva, H., ed., Bibl. Alfredo Jahn, Bol. inf. 9: [9-12]. 1977 (bibl.; list of expeditions).

COMPOSITE WORKS: Co-author, E.J. Palmer, *Annot. cat. fl. pl. Missouri*, 1935, see TL-2/7233.

NOTE: For a preliminary bibliography see H. Villanueva 1977; listing the most important of over 350 publications. Most of these fall outside our period. Important items: *Flora of Missouri*, 1963, *Rubiaceae in* T. Lasser, ed., *Flora de Venezuela* 9(1-3), 1974 (see Taxon 24: 523. 1975) and *Flora del Avila* (with Otto Huber), 1978 (see Taxon 28: 660. 1979).

EPONYMY: *Steyermarkia* Standley (1940); *Steyermarkiella* H. Robinson (1965); *Steyermarkina* R.M. King et H.E. Robinson (1971).

13.103. *A revision of the genus Menodora* ... Reprinted from Annals of the Missouri Botanical Garden 19: 87-176. 1932 Oct.
Publ.: 15 Apr 1932 (date on p. 87), cover-t.p., p. 87-176, *pl. 4-11*. *Copies*: HH, NY, U, US. – Reprinted from Ann. Missouri Bot. Gard. 19: 87-176 for Feb 1932 (publ. 15 Apr).

13.104. *Studies in Grindelia.* I-III. ... Reprinted from Annals of the Missouri Botanical Garden 1934-1937. Oct.
1: 1934, cover-t.p., p. 227-230. – Reprinted and to be cited from Ann. Missouri bot. Gard. 21: 227-230. Feb 1934.
2: 20 Sep 1934, cover-t.p., p. 433-608. – Id. 21: 433-608. Sep 1934. "Washington University Doctoral Dissertations. Studies in Grindelia II. A monograph of the North American species of the genus Grindelia. A dissertation presented to the Board of graduate studies in partial fulfilment of the requirements for the degree of Doctor of philosophy, June 1933".
3: Apr 1937, cover-t.p., p. 225-262. – Id. 24: 225-262. 1937.
Copies: G, MO, NY, U, US. – See also *Gross morphology of the genus Grindelia*, Field Mus. Bot. 17: [423]-443. 1938.

13.105. *Spring flora of Missouri* ... St. Louis (Missouri botanical Garden) Chicago (Field Museum of natural History) 1940. Oct. (*Spring fl. Missouri*).
Publ.: 1940, p. [i]-vii, map, [1]-582. *Copies*: BR, G, M, NY, PH, U, USDA. – Outside our period: *Flora of Missouri*, Ames, Iowa (The Iowa State University Press) 1963, 1726 p.

ADDITIONS TO PAGES 150 AND 317:

Schiffner, V.F. add to p. 150 (Biofile and Composite works):

BIOFILE: Verdoorn, F., ed., Manual bryol. 485 [index]. 1932; Ann. bryol. 6: [i]. 1933 (portr., dedication); Rec. trav. bot. néerl. 30: 213-233. 1933 (on Lejeuneac. coll. by S. on Indomales. isl.); Chron. bot. 1: 384. 1935 (adv. exsicc.), 2: 78, 220. 1936, 3: 16, 63, 65, 192, 367. 1937, 4: 223, 279, 479. 1938, 5: 540. 1939, 6: 304. 1941, 7: 188. 1943.
Wagenitz, G., Index coll. princ. herb. Gott. 146. 1982.
Wettstein, R. von, Lehrkanzel syst. Bot. deut. Univ. Prag 6, 10. 1899.

COMPOSITE WORKS: (1) *Hepaticae, in* A. Pascher, *Süssw.-Fl.- Deutschl.* 14: 169-214. 1914, ed. 2. 14: 198-243. 1931 (reprint with cover-t.p. and orig. pagination at B), see TL-2/7423.
(2) *Die Lebermoose der Deutschen Südpolar-Expedition* 1901-1903, *in* E. v. Drygalski, ed., *Deut. Südpolar-Exp.*, viii, Bot., p. 57-80, *pl. 6.* 1906. Reprints exist with original pagination (B, G, H, MO).
(3) *Hepaticae, in* A. Engler, *Pflanzenw. Ost-Afrikas* c: [62]-77. Jan 1895.
(4) *Ein Kapitel aus der Biologie der Lebermoose, in* Festschrift zu P. Ascherson's siebzigsten Geburtstage 117-127. 1904.
(5) *Hepaticae, in* C.K. Schneider, ed., *Ill. Handw.-Buch Bot.* 1905.
(6) Editor, (for vol. 1 with R. v. Wettstein) of *Ergebnisse der botanischen Expedition* der kaiserlichen Akademie der Wissenschaften *nach Südbrasilien 1901*, 2 vols. 1908-1924. The *second* volume, containing V.F. Brotherus, *Musci* (Laubmoose) came out in 1924, preprinted from Denkschr. Akad. Wiss., math.-nat. Kl. 83, journal publication 1927 (inf. P. Isoviita).

Schrader, H.A. add to p. 317 (eponymy):

EPONYMY: *Schradera* Vahl (1796, *nom. cons.*); *Schradera* Willdenow (1798); *Schraderella* C. Mueller (1879); *Schraderobryum* M. Fleischer (1923). *Note*: It could not be determined for which Schrader the genus *Schraderia* Heister ex Medikus (1791, *nom. rej.*) and the derived genus *Arischrada* Pobedinava (1972) were named.

Index to Titles

Each book treated in the foregoing text has been assigned a number printed in bold face; these are given in this index at the end of each entry. Because both short titles (the first significant words of the full title) and abbreviations of short titles are given, this index includes both. The initial definite and indefinite articles are omitted from titles. The unabbreviated short titles are alphabetized word by word, but the abbreviated ones are treated as if they are single words with the omission of punctuation and spaces. If a title is mentioned under two book numbers, both are given in this index.

Since the same title, at least in its short form, may have been used by two or more authors, each entry includes the name of the author in the form recommended at the end of the first paragraph of the section treating him and his books.

Titles of exsiccatae are included, printed in italics, and titles of journals taken from the surname of botanists are printed in capital letters. Both kinds of entry include, in parentheses, the surname of the person concerned preceded by the initial of his first name with the word "see" in italics. In addition there are two, less frequently encountered kinds of references which should be identified and explained: (1) It sometimes happens that in the treatment of one book by author "A", the title of a book by author "B" is mentioned; this situation is indicated in the title-index by parenthetically instructing the user to "see" the number assigned to "A's" book; (2) Similarly a book by author "B" may be mentioned under author "A" in paragraphs other than those describing his books; this is indicated by the index-notation "see author A'.

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This index contains the names of authors, collectors, botanical explorers, patrons of botanists, botanical artists, and other collaborators, as well as personal surnames that have been immortalized in names of genera. Also included are abbreviations listed for author names. The names of ships that carried early exploring expeditions to remote parts of the world are included in this index too, because the user may only remember that much of the subsequent reports of the trip. There are, however, a number of explanations and cautions: (1) the abbreviations of author names are included in the index when they are really abbreviations, i.e. some letters have been dropped. Such abbreviations are alphabetized as if they were complete words, including one or more initials, with the omission of punctuation and spaces. In this index the initial follows the abbreviation even though the suggested abbreviation in the text is preceded by the initial; (2) diacritical marks have been deleted in this index except for the German Umlaut, whereas the ϕ is alphabetized as oe; (3) names beginning with "M", "Mc", or "Mac" are treated as if spelled "Mac" in combination with the rest of the name as one word (Macdonald); (4) similarly, double names whether hyphenated or not, names beginning with "Da", "De", "Des", "Do", "Du", "La", "Le" etc. are alphabetized as if they were one word under the first letter of the word ("Candolle" for 'de Candolle" is one of several exceptions where established usage does not conform this convention). If there is chance of confusion in locating such names, the index lists also the last part of the names under the appropriate letter (the user can find "de Candolle" in both the "d" and "c" part of the index). Hyphenated double names are not, however, cross-referenced under the last part; (5) for purposes of the index, "van", "von", "y", "zu" are ignored; (6) names of authors of publications cited in the biography/bibliography sections are omitted from the index; (7) "Aiton, W. *72*" refers to that part of the text just preceding the treatment of book number 72, as well as to the book itself. "Aiton, W. 83" means there is a reference to Aiton, W. in the information concerning book 83, which is by an author other than Aiton, W. "Aiton W. *see* Banks" indicates mention of Aiton, W. in the author-paragraphs under "Banks"; (8) an author's name with the notation "*alph.*" indicates a person, who is included in the text for one or more reasons, but who did not publish items treated in this guide (Abich, H., *alph.*); (9) the notation "*v.*" is used to connect the abbreviation of a personal name with the name in full to explain the meaning of the suggested abbreviation. It is also used as a means of cross-referencing double names, maiden names of female botanists who have published under both names, and for anyone, who has used more than one name for his publications; (10) references to Linnaeus occur so frequently that they are omitted from this index.

Because an index to al the volumes will be published after the last volume has been issued, the presend index (as well as the index to titles) has to be viewed as a temporary but, hopefully, a useful guide to the contents of this volume.

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2	[i]-xvi, [1]-72	*45-92*	Jun 1797 p. vi: 14 Dec 1796
3	[i]-xiv, [1]-80	*93-138*	Aug 1799 p. iv: 8 Feb 1799
4	[i*], [i]-clxxx, [i], [1]-80, [38, ind.], [1, corr.]	*139-182*	Dec 1820

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Vol. 3, printed t.p. "... mit 46 ..."
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a: *printed*. "Jacob ... Willdenow. IV Theil, Anhänge und Nachträge. Mit 44 illuminierten Kupfern. Fortgesetzt und mit einer Einleitung und einer erklärenden Übersicht sämmtlicher Tafeln versehen von Dr. Ch. G. Nees von Esenbeck und Dr. Th. Fr. Ludw. Nees von Esenbeck. Berlin Bey G. Reimer 1820."
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Ref.: BM 1: 192; LS 3294; NI 196; PR 962.
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birth/death dates — Proposed form of citation

Bolus, Harry (1834-1911), British born South African banker and botanist. (*H. Bolus*).

HERBARIUM and TYPES: BOL. Other coll. e.g. BUL, GRA, NH, NU, PRE, SAM, STE and outside S. Africa. Exsiccatae: *Herbarium austro-africanum*, with Mac Owan, q v.
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Journal articles or books about author and his works

generic names based on surname 'Bolus'

EPONYMY: *Bolusafra* O. Kuntze (1891); *Bolusanthus* Harms (1906); *Bolusia* Bentham (1873); *Bolusiella* Schlechter (1918); *Neobolusia* Schlechter (1895).
Note: *Bolusanthemum* Schwantes (1928) is dedicated to his daughter-in-law Harriet Margaret Louisa Bolus née Kensit (q.v.)

Book number

625. *Icones orchidearum austro-africanarum extra-tropicarum*; or, figures with descriptions, of

Short-title

extra-tropical South African Orchids. London (William Wesley) 1893-1913, 3 vols. Oct. (*Icon. orchid. austro-afric.*) → Abbreviation of short-title for use in taxonomic publications

→ pagination of parts and their dates of publication

vol.	part	*plates*	dates	pages
1	1	*1-50*	15 Aug 1893	[i]-vi, [1, note], l.p., [2 p. ind.]
	2	*51-100*	20 Aug 1896	[i-iii], l.p., [3 p. ind.], app. [2]p., preface and t.p. to vol. 1 [viii]p.
2	1	*1-100*	Apr-Jun 1911	[i-vi], l.p. [3 p. ind.]; page iv: Apr 1911, Nat. Nov. Nov 1911, BR inscr. 15 Jun 1911.
3	1	*1-100*	1913	[i-v], l.p.; page v: 12 Feb 1913, Nat. Nov. Dec 1913.

→ Special notes about this book

Libraries where copies seen by authors

The plates are accompanied by one or two pages letterpress. *Copies*: BR, HH. – 36 plates of vol. 3 were first published by H. Bolus in his "Orchids of the Cape Peninsula," Trans. South Afr. Philosoph. Soc. 5(1): 75-200. 1888. The 300 (partly) coloured plates are by H. Bolus and F. Bolus. F. Bolus edited the third volume; preface by H. M. L. Bolus. – Portrait as frontispiece to vol. 2.

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Bolus, Harriet Margaret Louisa (née **Kensit**) (1877-1970), South African botanist, daughter-in-law of Harry Bolus. (*L. Bolus*). → Proposed citation form as author

HERBARIUM and TYPES: BOL, other material BM, GRA, NBG, PRE, SAM.
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EPONYMY: *Bolusanthemum* Schwantes (1928). – *Note*: For other eponyms based on the name Bolus, cf. supra, sub Harry Bolus.

→ Book number short-title

626. *Notes on Mesembryanthemum and allied genera.* Cape Town 1928-1958. Oct. (*Notes Mesembryanthemum*). → Abbreviation of short-title
Part I: 1 Jul 1928 (reprinted from articles appearing in S. A. Garden & Country Life August-December, 1927), reprint 1928 (156 pp.)

Part II:

→ Data on place of publication, dates of whole or parts, etc.

pages	dates	pages	dates	pages	dates
1-16	9 Nov 1928	147-160	22 Nov 1929	309-336	29 Jan 1932
17-32	21 Dec 1928	161-176	20 Feb 1930	337-356	24 Jun 1932
33-48	24 Jan 1929	177-192	9 Mai 1930	357-376	6 Dec 1932
49-64	12 Apr 1929	193-208	15 Aug 1930	377-396	19 Mai 1933
65-80	3 Mai 1929	209-224	12 Nov 1930	397-416	16 Oct 1933
81-94	6 Jun 1929	225-244	12 Feb 1931	417-436	26 Jan 1934
95-110	4 Jul 1929	245-268	1 Mai 1931	437-452	23 Mai 1934
111-129	16 Aug 1929	269-292	3 Jul 1931	453-472	17 Aug 1934
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